

SCHEDULE 8.1.1

Sites designated or proposed designation as Natural Heritage Areas (NHA), Special Areas of Conservation (SAC) and Special Protection Areas (SPA).

No.	Site Name	Site Code	NHA	SAC	SPA
1.	Aghalasty Fen	000672	•		
2.	Ardan Wood	001711	•		
3.	Ballymore Fen	002313	•	•	
4.	Ballynafid Lake and Fen	00673	•		
5.	Ballynagarbry	001713	•		
6.	Ballynagrenia and Ballinderry Bog	000674	•		
7.	Blackwater and Boyne Rivers	002299	•	•	
8.	Carn Park Bog	000676	•	•	
9.	Cloncrow Bog (New Forest)	000677	•		
10.	Clonydonnin Bog	000565	•		
11.	Crosswood Bog	000678	•	•	
12.	Derrygolan Esker	000896	•		
13.	Garriskil Bog	000679	•	•	•
14.	Glen Lough	001687	•		•
15.	Grand Canal	002104	•		
16.	Hill of Mael and Rock Of Curry	000681	•		
17.	Lough Bane and Lough Glass	002120	•	•	
18.	Lough Derravaragh	000684	•		•
19.	Lough Ennell	000685	•	•	•
20.	Lough Garr	001812	•		
21.	Lough Glore	000672	•		
22.	Lough Iron	000687	•		•
23.	Lough Kinale and Derragh Lough	000985	•		•
24.	Lough Lene	0002121	•	•	
25.	Lough Naneagh	001814	•		
26.	Lough Owel	000688	•	•	•
27.	Lough Ree	002310	•	•	•
28.	Lough Sewdy	000689	•		
29.	Lough Sheelin	000987	•		•
30.	Lough Sheever	000690	•		
31.	Lough Shesk	000556	•		
32.	Milltownpass Bog	002322	•		
33.	Moneybeg and Clareisland Bogs	002340	•	•	
34.	Mount Hevey Bog	001584	•	•	
35.	Murphy's Bridge Esker	001775	•		
36.	Nure Bog	001725	•		
37.	Rahugh Ridge (Kiltober Esker)	000918	•		
38.	River Shannon Callows	000216	•	•	•
39.	Royal Canal	002103	•		
40.	Scragh Bog	000692	•	•	
41.	Split Hills and Long Hill Esker	001831	•	•	
42.	Walshestown Fen	001731	•		
43.	Waterstown Lake	001732	•		
44.	White Lough, Ben Loughs & Lough Doo	001810	•	•	
45.	Wooddown Bog	000694	•		

SCHEDULE 8.1.2

VIEWS TO BE PRESERVED OR IMPROVED

REF	VIEWS	CONSTRUCTION OR OTHER WORK
1.	View of Lough Ree from County Road 323 at Wineport.	Provide car park
2.	View of Lough Ree and Inner Loughs from Coosan Point and County Road No. 326.	Planning Control
3.	View of Lough Ree from route N55, Co. Road No. 206 overlooking the lake.	Maintain picnic area Improve landscaping Improve litter control
4.	Views from Lough Ree and the River Shannon to the Planning Control Westmeath Shoreline.	Planning Control
5.	View over Killinure Bay from Road No. 308 at entrance and viewing point to Killinure House on Killinure-Glasson Road.	Provide carpark
6.	Excellent views of Rinardoo Bay, Lough Ree from County Road 311 near Killinure North.	Planning Control
7.	View of Lough Ree from County Road No. 312 at Killeenmore.	Planning Control
8.	View of Lough Ree from County Road 315 at Creggan.	Planning Control Lower fence
9.	Panoramic views over Lough Ree and intervening landscapes in Muckanagh area.	Planning Control
10.	View of Lough Ree from County Road No. 318.	Planning Control Lower fence
11.	Views of Lough Ree from County Road No. 321 at Kilfaughney	Planning Control Lower fence
12.	Views to east and north-east off N55 at Auburn Crossroads.	Provide viewing point and picnic
13.	Views of Rinardoo Bay from County Road Nos. 311 and 308 Lower boundary hedge.	Planning Control Lower boundary hedge
14.	Panoramic views Knockastia Hill, Coolatoor.	Planning Control
15.	Panoramic view of countryside from County road No. 406 at Ballintober, Streamstown towards Clara.	Planning Control
16.	View over Lough Sweedy and countryside around Ballymore from County Road No. 290-2.	Planning Control
17.	Panoramic views over countryside to the north off Ballymore-Mullingar Road (from County Road No. 279).	Planning Control
18.	Views from County Road No. 280-1 at Lunestown on Ballymore-Mullingar road towards "Hill of Uisneach" to the north and out over Killare to the west.	Planning Control
19.	View over Lough Ennell and neighbouring countryside from point on Mullingar-Dysart Road No. 256 at Barrettstown.	Planning Control
20.	View to north of County Road 463 at Gneevebane.	Planning Control
21.	View to south over Co. Offaly from Garrane Hill on Route N6 between Tyrrellspass and Rochfortbridge.	Planning Control

22.	View from Route N52 through La Mancha and Belvedere Estates over the northern portion of Lough Ennell.	Planning Control
23.	Scenic route through forest and woodlands from Butler's Bridge/Kilpatrick Bridge, County Road No. 175.	Planning Control
24.	Panoramic view of countryside from points on Road No. 270-1 at Rathconrath.	Planning Control
25.	View from County Road No. 126 at Ballard eastwards over Lough Owel.	Planning Control
26.	Panoramic view from Hill of Laragh on County Road No. 160.	Planning Control
27.	Panoramic views of Lough Iron and surrounding countryside from County Road No. 126 at Balrath.	Provide viewing point
28.	Views of Lough Owel from Route N4 between Portnashangan and Tullaghan Blanket restrictions.	Planning Control Blanket restrictions
29.	Scenic drive with incidental views over Knockdrin Estate Planning Control.	Planning Control
30.	Scenic drive with incidental views on County Road No.117 Lee's Cross-Crazy Corner southwards to Knockdrin.	Planning Control
31.	Views of Knockeyon and surrounding countryside from County Road No. 112	Planning Control
32.	Views of Lough Derravaragh and hills at south-west end as seen from R394 between Crookedwood and Gartlandstown.	Provide carpark and viewing area of high ground south-west of Gartlanstown entrance to lake.
33.	Views of north-west end of Derravaragh and neighbouring countryside from roadside between Ballynafid and Multyfarnham: Road No. 55	Planning Control
34.	Views to west and south towards Lough Owel and Route N4, County Road No. 130-3 at Kilpatrick.	Provide carpark, viewing point picnic area.
35.	Panoramic view of countryside looking north-west from point on Route N4, Road No. 48 near Bunbrosna.	Planning Control
36.	Panoramic view of countryside to north-west and north and excellent view over Lough Derravaragh from Road point No. 47 between Leney & Multyfarnham.	Provide small carpark and viewing
37.	Views of Lower Inny with its source. Lough Derravaragh and hills in background from point of County Road No. 31-1/31-2.	Planning Control
38.	View of Glen Lough from County Road No. 144	Planning Control
39.	View of countryside around Castlepollard form County Road No. 29 at Grangestown.	Planning Control
40.	Scenic drive through State Forest off County Road No. 58 south of Castlepollard.	Planning Control
41.	Sporadic views of Lough Lene from County Road No. 529 and County Road No. 65.	Planning Control
42.	View of Lough Lene and neighbouring landscape from County Road No. 472 between Collinstown and Drumcree.	Planning Control
43.	Views of Lough Lene from Road No. 70 between Collinstown and Cumberstown.	Planning Control
44.	View of Lough Bane from County Road No.	Planning Control

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45.	Views of Ben Loughs from County road No. 511.	Planning Control
46.	Views of historic Fore Village with monasteries, churches etc.	Planning Control
47.	View northwards over Lough Glore and surrounding landscape from County Road No. 24 near Mooretown Crossroads.	Planning Control
48.	View over Castlepollard towards Rathowen, glimpses can be seen of the north-west end of Lough Derragaragh: Road No. 27.	Planning Control
49.	Panoramic view of countryside from top of hill on Road No. 18 at Coole	Planning Control
50.	View from County Road No. 10 between Castlepollard and Finea of "Hill of Mael" and "Mullaghmeen".	Planning Control
51.	Sporadic views (both sides of roadway) of "Hill of Mael" to the west and "Mullaghmeen" to the north-east from County Road No. 8 which runs through the intervening valley.	Planning Control
52.	Views of Lough Sheelin from points near Mullaghmeen on County Road No. 1.	Planning Control
53.	Views of Lough Sheelin from County Road No. 1 at Ballynascarry.	Planning Control
54.	View of Lough Sheelin from Regional Road No. 10 north of Williamstown. Westmeath shoreline.	Planning Control
55.	Views of Lough Sheelin from Roads No's 1 and 2 between Finea and Clarisland.	Planning Control
56.	View of Long Hill Esker from south of N6 at Newtownlow	Planning Control

SCHEDULE 8.1.3

TREES & WOODLANDS IN RESPECT OF WHICH TREE PRESERVATION ORDERS ARE IN PLACE

REF	ITEM
1.	Trees and tree groups to south of National Secondary Route N52 at Bellview, Mullingar
2.	Tree groups on north shore of Lough Derravaragh at Coolure
3.	Trees to south of National Secondary Route N55 at Curragh, Athlone
4.	Trees and groups of trees on west shore of Lough Ennell at Lilliput, Dysart.
5.	Trees to west of National Secondary Route N52 at Bloomfield, Mullingar
6.	Trees at Dysart Island, Lough Ennell, Mullingar
7.	Tree group on west shore of Lough Derravaragh at Monintown.
8.	Trees to north of National Primary Route N6 at Glynn, Fardrum, Athlone
9.	Trees in the grounds of St. Ethcens Church, Killucan
10.	Trees in the grounds of Glebe House, Killucan
11.	Trees in the grounds of Cathedral of Christ the King, Mullingar
12.	Group of trees on east side of the Royal Canal at Carey's Bridge, Mullingar
13.	Trees on west side of County Road No. 662 at Gaybrook, Mullingar.
14.	Trees around south-eastern end of Lough Derravaragh
15.	Trees on north side of road at Lough Park
16.	Trees on south-west shore of Lough Bane
17.	Trees on Monk's Island.

SCHEDULE 8.1.4

RECORD OF PROTECTED STRUCTURES

REF	BUILDING ADDRESS	DESCRIPTION
1	Ballynagore	Mill Building
2	Ballynagore	Ballynagore House
3	Ballynagore	Ballynagore House the gates and piers
4	Ballynagore	Glen Brosna House,
5	Ballynahown	Catholic Church
6	Bunbrosna	Church of Ireland Church
7	Bunbrosna	J. Tormey Public House
8	Castlepollard	Catholic Church
9	Castlepollard	Church of Ireland Church
10	Castlepollard	Former Presbyterian Church
11	Castlepollard	House to east of Church of Ireland
12	Castlepollard	Ulster Bank
13	Castlepollard	Pollard Arms
14	Castlepollard	House, North end of Square
15	Castlepollard	Early 19 th century house with an ionic doorcase*
16	Castlepollard	Corner Shop – Delvin Road
17	Clonmellon	North Side from east end – row of four houses*
18	Clonmellon	Catholic Presbytery
19	Clonmellon	Catholic Church
20	Clonmellon	Next to School is house*
21	Clonmellon	St. Scire's Credit Union
22	Clonmellon	House to east of The Oasis*
23	Clonmellon	Market Yard – south side
24	Clonmellon	To west is an early 19 th century house*
25	Coole	Catholic Church
26	Coole	St. Joseph's Hospital
27	Coole	St. Joseph's Hospital Chapel
28	Delvin	Catholic Church
29	Delvin	Presbytery
30	Delvin	Church of Ireland Church
31	Delvin	Pharmacy – west side
32	Delvin	Delvin Parish School now a Post Office
33	Delvin	Kearney Shopfront
34	Delvin	Ulster Bank and next house*
35	Delvin	Fitzsimons shopfront
36	Kilbeggan	Court House/Market House
37	Kilbeggan	Facing east is a Tudor-revival crescent
38	Kilbeggan	Two early 19 th century house – one with railings – north side working west*
39	Kilbeggan	P. J. Tehan Shopfront
40	Kilbeggan	Three-bay two-storey house*
41	Kilbeggan	Formerly Jennings shopfront
42	Kilbeggan	B. Ryan
43	Kilbeggan	House adjoining crescent
44	Kilbeggan	Third house from crescent
45	Kilbeggan	The Square
46	Kilbeggan	Four bay house, north Square
47	Kilbeggan	Three bay house, north Square
48	Kilbeggan	Pair of houses, north Square
49	Kilbeggan	A pair of three-storey C18th houses
50	Kilbeggan	Egan's

51	Kilbeggan	Locke's Distillery
52	Kilbeggan	Concrete Warehouse
53	Kilbeggan	House on corner of Streamstown Road
54	Kilbeggan	Three houses adj. west of The Volunteer
55	Kilbeggan	The Volunteer
56	Kilbeggan	60 Main Street, Kilbeggan
57	Kilbeggan	Former Bank of Ireland
58	Kilbeggan	Convent
59	Kilbeggan	Marshall's Mill
60	Killucan	St. Etchen's Church of Ireland Church
61	Killucan	Glebe House
62	Killucan	Market House
63	Killucan	House opposite the Market House
64	Killucan	House with ionic doorcase*
65	Killucan	Beside the bank is a house*
66	Killucan	Next is a house with a very good, blocked – architrave doorcase*
67	Killucan	Five-bay, two-storey house facing the Mullingar Road
68	Milltownpass	Two c1800 houses to east of corner shop
69	Moate	Catholic Church
70	Moate	Church of Ireland Church
71	Moate	Court House
72	Moate	Moate View
73	Moate	A large C18th house to west of River Park Road
74	Moate	Post Office
75	Moate	Board of Works Design
76	Moate	Gift Shop
77	Moate	Lynam's Bakery
78	Moate	Four-bay, three-storey house – north side working east*
79	Moate	Three houses – west of Station Road
80	Moate	Old school, Station Road
81	Moate	P. Egan shopfront
82	Moate	Bank of Ireland
83	Moate	Dolan's Pharmacy
84	Moate	Mid 18 th century house – east of Flynn's
85	Moate	M. Flynn Shopfront
86	Moate	Small house – north side working east*
87	Moate	The Castle
88	Moate	Quaker Graveyard
89	Moate	House on corner of Ballymore Road (5 bay)
90	Moate	Newtown (Ballymore Road)*
91	Moate	Pair of three-bay, three-storey houses
92	Moate	St. John's Ambulance house*
93	Moate	House adjacent St. John's Ambulance
94	Moate	Next a four-bay house – east side*
95	Moate	Next a five-bay house, three-storey-east side*
96	Moate	Convent
97	Moate	Carmelite Church
98	Moate	Station
99	Moate	Joanslake House
100	Bishopsgate Street, Mullingar	Cathedral of Christ the King (Catholic)
101	Bishopsgate Street, Mullingar	The Bishop's Palace
102	Church Avenue, Mullingar	Church of All Saints (Church of Ireland)
103	Church Avenue, Mullingar	Church Hall
104	Castle Street, Mullingar	Presbyterian Church
105	Church Avenue, Mullingar	Masonic Hall
106	Mount Street, Mullingar	Court House
107	Mount Street, Mullingar	County Hall

108	Market Place, Mullingar	Market House
109	College Street, Mullingar	Hevey Institute
110	Pearse Street Mullingar	Six bay, two storey building with shops at ground level and dormer windows in roof. (Meteor, Faryincks and Shoe Zone)
111	12, Pearse Street, Mullingar	Four bay, three storey building with shop at ground level. (John P. Foy)
112	Pearse Street, Mullingar	Lake County Hotel
113	Pearse Street, Mullingar	Terrace of three houses, each 2 bay, three storey cut stone, with arched display window to shop at ground level.
114	31, Pearse Street, Mullingar	Two bay, three storey building (Part of Greville Arms)
115	33-35, Pearse Street, Mullingar	Five bay, three storey building (Greville Arms Hotel)
116	39, Pearse Street, Mullingar	Three storey building with oriel window at first floor and shop at ground level. (Unique Boutique)
117	41, Pearse Street, Mullingar	Three storey building on corner of Market Square (Canton Caseys)
118	34, Pearse Street, Mullingar	Ionic Doorcase giving access to upper floors.
119	36, Pearse Street, Mullingar	Four bay, three storey building with shop at ground level (P. W. Shaw)
120	44-48, Pearse Street, Mullingar	Seven bay, three storey building with shop at ground floor level. (J. Shaw)
121	50, Pearse Street, Mullingar	Four bay, 3 storey building with brick to upper floors. Decorative columns to ground floor and Corinthian capitals to door cases (Bank of Ireland)
122	54-56, Pearse Street, Mullingar	Five bay, three storey with shop at ground level (Weirs Pharmacy)
123	58-60, Pearse Street, Mullingar	Four bay, three storey building on corner of Martins Lane with shops at ground level. Building (E.B.S.)
124	2-4, Oliver Plunkett Street, Mullingar	Seven bay, three storey building on corner of Martins Lane with shops at ground level. (Dalys)
125	6, Oliver Plunkett Street, Mullingar	Four bay, three storey building with shop at ground level and two dormer windows in roof (Swarbriggs)
126	8-10, Oliver Plunkett Street, Mullingar	Four bay, three storey building with shop at ground level (Juleeia). Entrance to upper floor located centrally.
127	12, Oliver Plunkett Street, Mullingar	A mid 18 th century house
129	16, Oliver Plunkett Street, Mullingar	Three bay, three storey building with shop at ground level. (Gallery 29)
130	Oliver Plunkett Street, Mullingar	Three storey building with projecting bays at upper floors. Decorative glazed tiling to ground floor (Mullingar Credit Union)
131	15-17, Oliver Plunkett Street, Mullingar	Six bay, three storey sandstone and painted building with projecting ends at upper floors. Bay centrally located at ground floor. (Ulster Bank)
132	23-25, Oliver Plunkett Street, Mullingar	Three bay, three storey building with shop at ground level. Door to upper floors with Doric columns. (Ilia Gourmet)
133	33, Oliver Plunkett Street, Mullingar	Two bay, three storey building with shop at ground level. (Sambodinos)
134	37, Oliver Plunkett Street, Mullingar	Two bay, three storey building with shop at ground level on corner of Meeting House Lane. (Tom Bermingham)
135	Dominick Street, Mullingar	Three storey building on corner of Dominick Square and Pearse Street, (First National and Cosgrove)
136	Dominick Street, Mullingar	Five bay. three storey cut stone and rendered building, set back from street (Belvedere Institute)
137	14, Dominick Street, Mullingar	Five bay, three storey building with shops at ground level. (Hill and Davitt, Davitt and Wallace)
138	48, Dominick Street, Mullingar	Four bay, three storey façade with shop at ground level and archway to rear. (Old Stand)

139	7-9, Dominick Street, Mullingar	Four bay, two storey façade with shop at ground level (Hibernian Insurance)
140	1-5, Dominick Street, Mullingar	Five bay, two storey building with two gables to street. Shops to ground floor level. (Lingi's, Mullingar House and Albany)
141	11 and 13, Dominick Street, Mullingar	Pair of three storey houses
142	7-9, Mount Street, Mullingar	Four bay, three storey building with shops at ground level. Entrance to upper floors centrally located. (Fraynes)
143	Mount Street, Mullingar	Two storey building with Late 19 th century shopfront – on corner of Church Lane (Rooney's)
144	Mount Street, Mullingar	Two bay two storey building with shop at ground level. (E. Hynes)
145	Mount Street, Mullingar	Former gaol buildings
146	Dublin Road, Mullingar	County Library
147	Dublin Road, Mullingar	Clonard House
148	Castlepollard Road, Mullingar	Union Work House (St. Mary's Hospital)
149	Mullingar	Railway Station
150	Delvin Road, Mullingar	Psychiatric Hospital
151	Multyfarnham	Franciscan Friary
152	Multyfarnham	W. Walsh/façade
153	Raharney	Georgian House facing east*
154	Rathwire	Catholic Church
155	Streete	Building formerly a Court House
156	Tyrrellspass	Church of Ireland Church
157	Tyrrellspass	Tower House at West end
158	Tyrrellspass	Terrace of three houses, south of Methodist Church
159	Tyrrellspass	Former Methodist Church
160	Tyrrellspass	Village Hotel
161	Tyrrellspass	House Adjoining hardware shop
162	Tyrrellspass	Claffey House
163	Tyrrellspass	Bryne
164	Tyrrellspass	The Green
165	Tyrrellspass	Four Houses, west side The Green
166	Tyrrellspass	Former Court House
167	Tyrrellspass	House east of Church (4 bay)
168	Tyrrellspass	Former School House
169	Tyrrellspass	House, north east end of The Green (5 bay)
170	Tyrrellspass	Bradley shopfront
171	Tyrrellspass	Ardmorney Church
172	Moyvore	Ballinacurra Church
173	Kinnegad	Coralstown Church
174	Drumraney	Kiltober Church
175	West of Mullingar	Loughnavalley Church
176	Rochfortbridge	Meedian Church
177	Moyvore	Milltown Church
178	Rathowen	Rathowen Church
179	Ballynacarrigy	Sonna Church
180	Taughmon	Taughmon Church
181	Delvin	Williamstown Church
182	Bunown	Bunown Church of Ireland
183	Ballynacarrigy	Kilbixy Church
184	Ballynacarrigy	Kilbixy Malone Mausoleum
185	Athlone	Kilkenny West Church
186	Tyrrellspass	Newtownlow Church
187	Ballynagall	Portnashangan Church
188	Mullingar	Tudenham Church
189	Anneville, Mullingar	Anneville House
190	Glasson	Auburn House

191	Clonmellon	Ballinlough Castle
192	Ballinahown	Ballinahown Court
193	Collinstown	Barbavilla House
194	Mullingar	Belleville Cottage
195	Mullingar	Belvedere House
196	Delvin	Bracklyn House
197	Castlepollard	Carlanstown House
198	Lough Ennell	Carrick House
199	Bunbrosna	Clonhugh House
200	Delvin	Clonyn Castle
201	Delvin	Gates to Clonyn
202	Rosemount	Coolatore House
203	Castlepollard	Coolure House
204	Tyrrellspass	Cornaher House
205	Raharney	Craddenstown House
206	Rathowen	Cromlyn House
207	Drumcree	Drumcree House
208	Delvin	Dysart House
209	Athlone	Fardrum House
210	Coole	Gaulstown House
211	Drumcree	Glananea House
212	Rathconrath	Glencara House
213	Raharney	Grange Beg House
214	Kinnegad	Griffinstown House
215	Rosemount	Grouse Lodge
216	Moyvore	Halston House
217	Glasson	Harmony Hall
218	Delvin	Heathstown House
219	Killucan	Huntingdon
220	Castletown-Geoghegan	Jamestown Court
221	Moate	Kilcleagh Park
222	Streete	Kildevin House
223	Raharney	Killagh House
224	Glasson	Killinure House
225	Clonmellon	Killua Castle
226	Clonmellon	Obelisk House
227	Clonmellon	Various buildings in the park: wall hiding farm buildings Sham ruin by ornamental lake
228	Clonmellon	Lodge to south in form of a twin-towered castle
229	Clonmellon	Lodge to Clonmellon in gothic style
230	Castlepollard	Kinturk House
231	Knockdrin	Knockdrin Castle
232	Knockdrin	Knockdrin Lodge
233	Glasson	Ladywell House
234	Mullingar	Levington Park
235	Killucan	Lisnabin
236	Mount Dalton, Rathconrath	Loughazon Hall (Mount Dalton)
237	Castlepollard	Lough Park
238	Killare	Lunestown House
239	Ballynacarrigy	Mearscourt House
240	Kilbeggan	Meeldrum House
241	Castletown-Geoghegan	Middletown Park House
242	Bunbrosna	Mount Murray
243	Mount Temple	Mount Temple Rectory
244	Moydrum, Athlone	Moydrum Castle
245	Newcastle, Fore	Newcastle House
246	Kilbeggan	New Forest House
247	Rathowen	New Pass House

248	Glasson	Portlick Castle
249	Bunbrosna	Rathbennet House
250	Ballynacarrigy	Rathcastle House
251	Rathwire	Rathwire House
252	Delvin	Reynella House
253	Delvin	Rockview House
254	Rosemount, Moate	Rosemount House
255	Rosmead, Delvin	Rosmead Gates
256	Fore	Sallymount House
257	Delvin	South Hill
258	Mullingar	Tallyho, Tudenham
259	Mullingar	Tudenham House
260	Castlepollard	Tullynally Castle
261	Coole	Turbotstown House
262	Glasson	Walderstown Lodge
263	Athlone	Waterstown House
264	Annebrooke	Woodville House
265	Ballinafid	Police Barracks
266	Ballykeeran	Mill Building
267	Fore	Greville-Nugent mausoleum
268	Gaybrook	Ornamental Bridge
269	Glasson	Old Garda Station
270	Glasson	School House
271	Glasson	Terrace of Houses
272	Glasson	Pidgeon House
273	Lissoy	Lissoy Parsonage
274	Neagh Bridge	John Lynch Shopfront
275	Toberclair	Windmill well
276	Multyfarnham	Wilson's Hospital
277	Multyfarnham	Gate Lodge to Wilson's Hospital
278	Glasson	Easthill House
279	Rosemount	Old Court
280	Moate	Streamstown House
281	Rochfortbridge	West House
282	Castlepollard	Hilltown House
283	Killucan	Clonlost House
284	Killucan	Hyde Park House
286	Mullingar	Slanemore
287	Killucan	Wardenstown House
288	Baylin	Twyford House
289	Coole	Tuberstown Church
290	Collinstown	Church of Ireland
291	Rathconrath	Corkan Church
292	Clonmellon	Issac's Well
293	Kinnegad	School House
294	Delvin	Gateway to Bracklyn House
295	Killucan	Entrance gates to Grangemore House
296	Coolatoor	Bronze Age Cemetery Mound
297	Glasson	Bronze Age Cemetery Mound
298	Glasson	Village Inn Pub Façade
299	Kilbeggan	McCormack's Pub Façade
300	Moate	Elbow Pub Façade
301	Moate	McCormack Shop Façade
302	Mount Temple	Egan Pub Façade
303	Loughnavalley	Fox/Pub & Shop Façade
304	Delvin	Dunne Shop Front
305	Delvin	Cox Shop Front
306	Castlepollard	Murphy/shop front

307	Castlepollard	J. McGovern/shop front
308	Clonmellon	Fitzsimons/shop front
309	Collinstown	The Maypole/Shop Front
310	Clonmellon	Gavigans/Shop Front
311	Coolamber	McCormacks/Shop Front
312	Lismacaffrey	J. Devine/Shop Front
313	Multyfarnham	W. Walshe/Shop Front
314	Coole	Tony's/ Shop Front
315	Ballynacargy	O'Connell Shop Front
316	Ballynacargy	O'Reilly Shop Front
319	9, Pearse Street, Mullingar	Three bay, three storey building with archway and shop at ground level. (Suspense)
320	Mullingar	F. P. McGovern
321	2, Dominick Street, Mullingar	Two storey building on corner of Mary Street (ACC Building)
322	4, Dominick Street, Mullingar	Two bay, three storey brick building with shop at ground level, (The Wardrobe)
323	Mullingar	Cons/Façade
327	Tang	Nohaville House
328	Ballinagore	Gatelodge to Ballinagore House
329	Kilbeggan	Kelly Bros.
330	Drumcree	St. John's Church of Ireland
331	Tyrrellspass	Kevin Keegan Shopfront
332	Heathstown	Lynch's Pub & Shop Façade
333	Kinnegad	J. C. Donnelly
334	Killucan	Casserly's Shopfront
335	Rathconrath	Glencarra House
336	Moate	House (Purcells?)
337	Glasson	Grogan's Pub Façade
338	Clonmellon	Gate Lodge, Killua Castle
339	Streete	Daramona House
340	Ballymore	The Manse
341	Mullingar	Gigginstown House
342	Mullingar	Gigginstown Gate Lodge, gates/screen
343	Drumcree	Two-storey farmhouse, boundary wall, railings and gates
344	Togherstown	Togherstown House, ancillary buildings, rubble stone walling, gate piers and boundary wall
345	Castletown-Geoghegan	Garda Station
346	Hareisland, Athlone	Castlemaine Lodge, service houses, outbuildings and associated structures
347	Gainstown	Vernacular single-storey dwelling, associated outbuildings, water pump and boundary wall and gate
348	Mullingar	House, boundary wall and gates, Bellview Road
349	Rochfortbridge	Former Clonlost Church of Ireland
350	Loughnavalley	Farmhouse
351	Joanstown, Rathowen	Thatched Dwelling
352	Rochfortbridge	Drumman Lodge
353	Mullingar	Lynnbury House
354	Drumraney	Drumraney National School
355	Drumraney	Drumraney School Masters House
356	Lissanode	Lissanode House
357	Ballyhandy, Dysart	Ballyhandy House
358	Finea	Tullystown House
359	Gneevebeg, Ballynagore	Thatched Dwelling
360	Marbrists, Ballynagore	Former Thatched Dwelling
361	Clonmellon	Coffey's Shop
362	Collinstown	Simonstown House
363	Skeahanagh, Kilbeggan	Thatched Dwelling
364	Finnea	The Bridge of Finnea

365	Castletown, Moycashel	Donore Castle
366	Taghmon, Mullingar	St. Munna's Church
367	Ballynagall, Mullingar	Ballynagall Demense
368	Ballynagall, Mullingar	Stable Block
369	Ballynagall, Mullingar	Ballynagall House
370	Ballynagall, Mullingar	Gate Lodge (NIAH ref: 15401214)
371	Ballynagall, Mullingar	Gate Lodge (NIAH ref: 15401210)
372	Ballynagall, Mullingar	Demense walls / gates / railings

SCHEDULE 8.1.5**ARCHAEOLOGY**

ONE: ZONES OF ARCHAEOLOGICAL POTENTIAL		
RECORD OF MONUMENTS AND PLACES REF.	LOCATION	DESCRIPTION
WM 031-104	Ardnurcher	Deserted Settlement
WM-029-042	Athlone	Town
WM-024-179	Ballymore	Settlement
WM-004-035	Fore	Settlement
WM-038-017	Kilbeggan	Town
WM-011-155	Kilbixy	Deserted Settlement
WM-019-089	Mullingar	Town

TWO: NATIONAL MONUMENTS IN STATE CARE IN COUNTY WESTMEATH		
RECORD OF MONUMENTS AND PLACES REF.	LOCATION	DESCRIPTION
WM-029-042	Athlone	Castle
WM014-002	Delvin	Castle
WM-023-01301	Dunnamona	Motte
WM-004-035	Fore	Abbey
WM-004-035	Fore	St. Féichín's Church
WM-004-035	Fore	Gateways
WM-015-001	Inchbofin, Lough Ree	Early Christian Monastic Complex
WM-024-061	Kellybrook	The Catstone & Cairn
WM-021	Raharney	Ringfort
WM029-008	Twyford	Bealin Cross
WM024-06401	Uisneach	Cemetery on Hill of Uisneach
WM-07-045	Faughalstown	Mortimer's Castle
WM-011	Wattstown	Two Barrows
WM-022-015	Portlick	Norman Motte

SCHEDULE 8.1.6

AMENITY SCHEMES

NO.	LOCATION	OBJECTIVE
1.	Royal Canal	Phased repair and development for public amenity and recreational use of the canal, canal banks and suitable contiguous areas in public ownership.
2.	Mullingar	Continued improvement and development of town centre including tree planting.
3.	Belvedere, Lough Ennell	Development of existing facilities for public amenity and recreational use.
4.	Ladestown, Lough Ennell	Development and extension of public area in accordance with plans prepared.
5.	Lilliput, Lough Ennell	Development of public area for amenity and recreational use
6.	Portnashangan, Lough Owel	Improvement of existing swimming facilities.
7.	Portloman, Lough Owel	Provision of car parking facilities and access to lakeshore.
8.	Collinstown, Lough Lene	Continued improvements of foreshore area.
9.	Finea, Lough Sheelin	Improvements of facilities with a view to developing the village as a fishing resort.
10.	"Sailor's Garden", Lough Sheelin	Improvement of access to lakeshore.
11.	Wineport, Lough Ree	Provision of public car parking facilities.
12.	Glasson, Lough Ree	Provision of country park in vicinity of Glasson.
13.	Portlick, Lough Ree	Continued development of public area for amenity and recreational use.
14.	Lough Ree	Phased provision of access along Lough Ree lakeshore.
15.	Lough Ree	Trail Provision of viewing/picnic areas and amenities in selected locations and provision of passing bays.
16.	Lough Derravarragh	Improvements at Donore and Gartlandstown.
17.	Tullaghan, Lough Owel	Improvement of access road, provision of additional car parking facilities, improvement of slipway and landscaping.
18.	Crookedwood, Lough Derravarragh	Provision of lay-by and picnic/viewing area.
19.	Towns and Villages	In co-operation with Tidy Town Committees Residents Associates and tourist interests to improve amenities and facilities and provision of signage.
20.	Fore/Belvedere/Goldsmith	Goldsmith Improvement of facilities and provision of signage. Clonmacnoise Trails.
21.	Coolatoor	Improvement of access to Knockastia Hill.
22.	Coosan Point Conjunction with LEADERII	Provision separate vehicular access, parking, picnic and bathing area 23 Fore – Kilbeggan Walk in Provision of styles, footbridges and paths.

SCHEDULE 8.1.7

WATER & WASTE WATER INVESTMENT PROGRAMME – ASSESSMENT OF NEEDS

Table I – Schemes Completed Since 2003

	SCHEME	2003 - 2006 COST	2007 – 2009 ESTIMATED COST	BRIEF DESCRIPTION	STATUS
1.	<p>Treatment of surface water supplies at Lough Owel.</p> <p>Funding allocated under Water Services Investment Program 2005 – 2007.</p>	€ 11.87 m		<p>To provide treatment of surface water supplies at Lough Owel</p> <ol style="list-style-type: none"> 1. To address variations in the quality of water. 2. To ensure supplies comply with E.U. standards. 3. To overcome difficulties associated with algal blooms on the lakes and infestation of the distribution system by aquatic animals / fish life. 4. Protect against possible infection by Cryptosporidium. 	<p>Additional Clear Water Storage and Increased Capacity required.</p> <p>There is a requirement to examine how to include this Emergency Plant into a future Water Treatment Plant.</p> <p>Future Plant to provide protection against toxic algae.</p>
2.	<p>Mullingar Regional High Level Water Supply Scheme South West Area Water Supply Improvement Scheme</p> <p>South West Funding allocated under Water Services Investment Program 2003 – 2005.</p>	€ 1.68 m		<p>Upgraded network and storage in Mullingar Regional Water Supply to improve service to the areas of Castletown Geoghegan, Kilbeggan, and Horseleap</p>	<p>Contracts completed. Awaiting final account.</p>
3.	<p>Moate High Level Water Supply</p> <p>(Advance works to South Westmeath Regional Water Supply Scheme)</p>	€ 0.42 m		<p>To provide a water supply to the high areas of the town that currently cannot be served. These works to be carried out in advance of South Westmeath Regional Water Supply Phase I.</p>	<p>Contract completed. Awaiting final account.</p>

4.	Upgraded Waste Water Treatment Plant at Collinstown Funding allocated under Water Services Investment Program 2003 – 2005.	€ 1.00 m		Upgrading of wastewater treatment plant to cater for current and future development of Collinstown.	Contracts completed. Awaiting final account.
5.	Upgraded Waste Water Treatment Plant at Killucan / Rathwire. Funding allocated under Water Services Investment Program 2003 – 2005.	€ 1.20 m		Upgrading of wastewater treatment plant to cater for current and future development of Killucan / Rathwire.	Contracts completed. Awaiting final account.
6.	Upgraded Waste Water Treatment Plan at Tyrrellspass. Funding allocated under Water Services Investment Program 2003 – 2005.	€ 1.27 m		Upgrading of wastewater treatment plant to cater for current and future development of Tyrrellspass.	Contracts completed. Awaiting final account.
7	Moate Emergency Augmentation Water Supply Scheme. Funding allocated under Water Services Investment Program 2003 – 2005.	€ 2.32 m		Extend the Mullingar Regional Low Level Scheme from Ballymore to Moate to augment insufficient water supply.	Contracts completed. Awaiting final account.
8.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Ballinalack.	€ 0.36 m		Provide waste water treatment plant and network having evaluated foul and surface water requirements.	Waste Water Treatment Plant provided under a Public Private Partnership Scheme.

Table II – Schemes Under Construction or to Commence 2006

	SCHEME	2003 – 2006 ESTIMATED COST	2007 – 2009 ESTIMATED COST	BRIEF DESCRIPTION	STATUS
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1.	Athlone Water Supply Scheme – Improvements to Water Treatment Plant. Funding Allocated under Water Services Investment Programme.	€ 1.0 m	€ 3.2 m	To upgrade the capacity of the existing water treatment plant and to provide sludge handling facilities.	Approval sought from DoEHLG for appointment of contractor.
2.	Upgrade Waste Water Treatment Plant and network at Rochfortbridge Phase 1 Funding allocated under Water Services Investment Programme 2005 – 2007 for Phase 1	€ 1.5 m	€ 2.87 m	Upgrading of wastewater treatment plant and network including surface water network to cater for current and future development of Rochfortbridge.	Awaiting approval of Contractor from DoEHLG.
3.	Upgrade Waste Water Treatment Plant at Clonmellon Funding allocated under Water Services Investment Program 2005 – 2007.	€ 0.3 m	€ 0.4 m	Upgrading of wastewater treatment plant to cater for current and future development of Clonmellon.	Report on tenders being prepared. Contractor to be appointed July 2006.
4.	Water Conservation Program, Whole County € 0.8m allocated under Water Services Investment Program 2003 – 2005.	€ 4.7 m		Water Conservation program in hand to reduce unaccounted for water in all the networks in the county.	Works ongoing.

Table III – Future Needs

	SCHEME	2007 – 2009 ESTIMATED COST	2010 - 2014 ESTIMATED COST	BRIEF DESCRIPTION	STATUS	CITED IN ANNEX 12
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1a.	Lough Owel Water Abstraction.	€ 4.5 m		To increase the quantity of water that can be abstracted for drinking water from Lough Owel by supplying the Royal Canal from Lough Ennell.	Under review.	YES
1b.	Increase the capacity of the Mullingar Town Independent Water Supply Scheme Funding allocated under Water Services Investment Program 2005 – 2007.	€ 3.47 m		Construction of a new reservoir at Ardonagh. Upgrading of trunk mains serving Mullingar town. Increase the capacity of storage in the high level areas in the town. Supplying existing rural areas from Mullingar Regional Water Supply High Level Scheme.	Under Review	N/A
1c.	Treatment of surface water supplies at Lough Owel		€ 10.0 m	There is a requirement to examine how to include this Emergency Plant into a future Water Treatment Plant. Future Plant to provide protection against toxic algae. Additional Clear Water Storage and Increased Capacity required.	Under Review	YES

2.	Mullingar Sewerage Improvement Scheme Funding allocated under Water Services Investment Program 2005 – 2007.	€ 68 m		The rapid expansion and ongoing development pressures on Mullingar town and environs requires review of existing foul and surface water drainage system to include review of capacity and condition of network, storm overflows, assessment of future development areas, capacity of the river Brosna, the capacity of the waste water treatment plant and pumping stations, the effect of phosphate loading on Lough Ennel etc.	Waste Water Treatment Plant and Main Pumping Station to be provided as a Design Build Operate (DBO) Scheme. Contractors short listed. One to be appointed late 2006.	N/A
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3.	Treatment of water supplies at Lough Lene Funding allocated under Water Services Investment Program 2005 – 2007.	€ 4.6 m	€ 2.5 m	To provide treatment of surface water supplies at Lough Lene 1. To address variations in the quality of water 2. To ensure supplies comply with E.U. standards 3. To overcome difficulties associated with algal blooms on the lake and infestation of the distribution system by aquatic animals/fishlife This proposed plant is to deal with algal problems and	Proposals to appoint Consultants	YES
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				to protect against possible infection from <i>Cryptosporidium</i> .		
4.	<p>South Westmeath Regional Water Supply.</p> <p>Funding allocated under Water Services Investment Program 2005 – 2007.</p>	€ 25 m	<p>€ 15m</p> <p>€ 17.9 m</p> <p>€ 40.0 m</p>	<p>Stage I - The requirement is to provide a new intake at Killinure Lough incorporating treatment plant for 9 Million gallons per day and to include a rising main to Annagh Reservoir, Knockdomney Reservoir and Coolatore reservoir. The project will provide improvements to the existing water supply to Athlone Urban Area and the environs thereof including upgrading/ replacing of existing mains and examining options in respect of the future role of the existing Athlone town water treatment plant.</p> <p>Stage II – Extension of supply from Athlone to serve Tang and Glasson. Feed to the Batteries and Moydrum. New reservoir at Annagh.</p> <p>Stage III – Extension of public watermains to service Central and Southern Areas of Westmeath including Rochfortbridge, Tyrrellspass and Loughnavalley.</p>	Awaiting approval of Preliminary Report from DoEHLG.	NO

5.	<p>Sludge Management Plan</p> <p>Funding allocated under Water Services Investment Program 2005 – 2007 in Mullingar Sewerage Improvement Scheme.</p>	€ 4.2 m		Local Authorities are required to prepare Sludge Management Plans for their functional areas.	Hub Centre in Mullingar to be provided as part of the Mullingar Sewerage Improvement Scheme.	N/A
6.	<p>Athlone Waste Water. Review of Foul and Surface Water Drainage Areas and Networks</p> <p>€ 10.4 m funding allocated under Water Services Investment Program 2005 – 2007.</p>	€ 20.05 m	€ 14.75 m	<p>A study is required of the foul and surface water drainage areas and networks to include extension of drainage areas and extension of sewerage works.</p> <p>The primary focus of the study is to determine the following:</p> <ol style="list-style-type: none"> 1. The capacity and loading of the existing foul and surface water drainage network in Athlone under existing conditions. 2. To estimate storm flow response of the existing networks to rainfall events. 3. Non-compliance of combined storm overflows with the Annex to the Urban Waste Water Treatment Directive. 4. To consider a report of the implications of connecting in new areas of development included in the current 	Preliminary Report submitted to DoEHLG for consideration and approval.	N/A

				<p>Development Plan and any longer term Strategic Plan available at the time of study.</p> <p>5. To consider possible extension to Athlone Waste Water Treatment Plant to cater for additional loading.</p>		
7.	<p>Provide Waste Water network for Glasson / Ballykeeran / Coosan</p> <p>€ 3.68 m funding allocated under Water Services Investment Program 2005 – 2007 for Phase I of the scheme.</p>	€ 3.68 m (Glasson / Ballykeeran)	€ 9.0 m (Coosan)	The requirement is to provide waste water system for the collection, pumping and disposal of wastewater and surface water from the villages of Ballykeeran and Glasson and the area generally described as Coosan.	Contract Documents being prepared.	N/A
8.	Upgrade Waste Water	€ 3.5 m		Plant at or close to capacity and	Preliminary Report being	N/A

	Treatment Plant and network at Kilbeggan Limited funding allocated under Water Services Investment Program 2005 – 2007.			subject to development pressures. Upgrading of wastewater treatment plant and network including surface water network to cater for current and future development of Kilbeggan.	prepared. Clár Funding available.	
9.	Improvement of Kinnegad Waste Water Treatment Plant Phase III	€ 1.5 m		Phase II involved the extension of the existing wastewater treatment plant to cater for a population equivalent of 2,800 to reflect the development pressures on Kinnegad. Phase III requires the upgrading of Phase I of this wastewater treatment plant to bring the capacity of the works to 4500 p.e.	Part funding approved under serviced land initiative. Works on Phase II complete.	N/A
9a.	Upgrade Foul Water and Surface Water Sewer network in Kinnegad	€ 1.0 m		To upgrade the Foul and Surface Water Sewer network to facilitate current and future development.	Preliminary Planning	N/A
10.	AI River Flood Relief Works	€ 4.5 m		To relieve the risk of flooding on the east and south of Athlone and to provide additional surface water drainage to facilitate further development.	Preliminary Report with DoEHLG	N/A
11.	Milltownpass Waste Water Treatment Plant and Network Funding allocated under Water Services Investment Program 2005 – 2007.	€ 4.37 m		Provide wastewater treatment plant and foul and surface water network at Milltownpass.	Consulting Engineer to prepare Contract Documents to be appointed.	N/A
12.	Upgrade Waste	€ 6.5 m		Existing	Preliminary	N/A

	<p>Water Treatment Plant and Flood Relief Works at Moate</p> <p>Limited funding allocated under Water Services Investment Programme 2005 – 2007.</p>			<p>developments granted Planning Permission at the maximum capacity of the existing wastewater treatment plant. Additional capacity required to facilitate future developments.</p> <p>To relieve the risk of flooding in Moate Town and to provide additional surface water drainage to facilitate further development</p>	Report being prepared.	
13.	Provide sewer network having evaluated foul and surface water requirements at Ballinalack	€ 1.5 m		(Treatment plant provided by private developer). Provide foul and surface water sewer networks having evaluated requirements.		
14.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Castletown - Geoghegan.	€ 1.8 m		Provide waste water treatment plant and network having evaluated foul and surface water requirements	Contract Documents being finalized.	N/A
15.	<p>Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Coole</p> <p>Funding allocated under Water Services Investment Program 2005 – 2007.</p>	€ 3.08 m		<p>Provide pumping station to Castlepollard and network having evaluated foul and surface water requirements.</p> <p>Additional works required in Castlepollard Waste water Treatment Plant to cater for additional foul water from Coole.</p>	<p>Preliminary Report under review by Westmeath Co. Co.</p> <p>Clár Funding available.</p>	N/A
16.	Upgrade Waste Water Treatment Plant at	€ 2.0 m		Plants at or close to capacity and subject to development	Consultant Engineers to be appointed.	N/A

	Castlepollard.			pressures. Upgrading of wastewater treatment plant to cater for current and future development. Foul water from Coole is to be pumped to this treatment plant.		
17.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Finea. Funding allocated under Water Services Investment Programme 2005 – 2007.	€2.04 m		Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Report under review by Westmeath Co. Co. Clár Funding available.	N/A
18.	Upgrade Waste Water Treatment Plant and network at Fore.	€0.7 m		Provide Foul and Surface Water sewers in Fore and possible relocation of the Waste Water Treatment Plant.	Waste Water Treatment Plant in place. Possible GSS Scheme with Clár funding input.	N/A
19.	Upgrade Waste Water Treatment Plant and network at Rochfortbridge Phase 1 Funding allocated under Water Services Investment Program 2003 – 2005 for Phase 1 Phase 2 Phase 3	€4.37 m	€2.0 m €2.0 m	Plant at or close to capacity and subject to development pressures. Upgrading of wastewater treatment plant and network including surface water network to cater for current and future development.	Phase 1: Awaiting approval of Contractor from DoEHLG. Phase 2: Preliminary Planning Phase 3: Preliminary Planning	N/A
20.	Upgrade Waste Water Treatment	€3.9 m		Upgrading of wastewater treatment plant to	Consulting Engineer to prepare	N/A

	Plant at Delvin Funding allocated under Water Services Investment Program 2005 – 2007.			cater for current and future development of Delvin.	Contract Documents to be appointed.	
21.	Upgrade Waste Water Treatment Plant at Ballymore Funding allocated under Water Services Investment Program 2005 – 2007.	€0.8 m		Upgrading of waste water treatment plant to cater for current and future development at Ballymore	Contract Documents being prepared. Clár Funding available	N/A
22.	Provide additional storage in Castlepollard High Level Water Supply Scheme	€1.5 m		To provide a new 250,000 gallon reservoir to service additional areas north of Castlepollard and Finea Village.	Under review.	N/A
23.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Ballinagore	€1.2 m		Provide waste water treatment plant and network having evaluated foul and surface water requirements.	Preliminary Planning	N/A
24.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Ballinahown	€1.1 m		Provide waste water treatment plant and network having evaluated foul and surface water requirements.	Preliminary Planning	N/A
25.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Rathowen €1.28 m funding	€1.28 m	€0.92 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Consulting Engineer to prepare Contract Documents to be appointed. Clár funding available.	N/A

	allocated under Water Services Investment Program 2005 – 2007.					
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26.	Upgrade Waste Water Treatment Plant and network at Multyfarnham	€0.7m	Plant close to capacity and subject to development pressures. Upgrading of wastewater treatment plant and network including surface water network to cater for current and future development.	Review of existing Waste Water Treatment Plant to be carried out. Clár funding available	N/A
27.	Upgrade Waste Water Treatment Plant and network at Ballynacarrigy	€0.7m	Plant at or close to capacity and subject to development pressures. Upgrading of wastewater treatment plant and network including surface water network to cater for current and future development.	Preliminary Planning	N/A
29.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Raharney	€1.7m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A
30.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Mount Temple	€2.0m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A
31.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Tang	€1.1m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning Clár funding available	N/A
32.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Rathconrath.	€1.0m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A

33.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at The Downs		€1.5 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A
34.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Bunbrosna		€0.7 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A
35.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Taghmon		€1.1 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A
36.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Gainstown		€0.9 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A
37.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Castledaly		€1.3 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A
38.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Tubberclare		€1.2 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A
39.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Loughnavalley		€0.9 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A

40.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Moyvore		€ 1.1 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning Clár funding available	N/A
41.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Streete		€ 1.0 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning Clár funding available	N/A

42.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Lismacaffrey		€ 1.0 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning Clár funding available	N/A
43.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Rosemount		€ 1.3 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A
44.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Baylin		€1.4 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A
45.	Surface Water Network at Killucan / Rathwire		€0.7 m	To remove surface water sewer from existing foul water network and waste water treatment plant.	Preliminary Planning	N/A

46.	Provide Waste Water Treatment Plant and network having evaluated foul and surface water requirements at Horseleap		€ 1.2 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning Clár funding available	N/A
47.	Ballinea Sewerage Scheme		€ 1.1 m	Assessment of sustainability of the provision of sewerage facilities to be undertaken	Preliminary Planning	N/A
48.	Dysart Sewerage Scheme		€ 1.5 m	Provide waste water treatment plant and network having evaluated foul and surface water requirements	Preliminary Planning	N/A

**SCHEDULE 8.1.8
FEN SITES OF LOCAL BIODIVERSITY INTEREST IN CO. WESTMEATH**

No.	GRID REFERENCE	LOCALITY
1.	N540700	BALNAVINE
2.	N608648	CLONAGH LAKE, DELVIN
3.	N669678	KILLUA CASTLE FEN
4.	N625565	LISCLOGHER BOG
5.	N425689	LOUGH DERRAVARAGH, COOLURE
6.	N440633	NE STONEHALL (MONINTOWN)
7.	N437604	GARYSALLAGH
8.	N455570	LOUGH DRIN
9.	N375627	BUNBROSNA (LEYNEY MARSH)
10.	N374577	MONROE JOHNSTOWN
11.	N379440	LILLIPUT, SW L.ENNELL
12.	N3051	MOUNT DALTON FEN
13.	N2139	BALLINDERRY LOUGH
14.	N3141	DROMORE FEN
15.	N3651	TUITESTOWN FEN
16.	N035447	BOG LOUGH, MEEHAN, ATHLONE
17.	N076435	BREENSFORD RIVER SOUTH OF BALLYKEERAN
18.	N1043	TWY LOUGH
19.	N3158	DEERPARK, BALLYNACARRIGY
20.	N4772	STONESTOWN
21.	N272423	STREAMSTOWN FEN
22.	N333405	BENALBIT
23.	N410513	KILPATRICK BRIDGE FEN
24.	N265487	KILLARE CASTLE/RATHSKEAGH LOWER
25.	N322416	RATHNUGENT FEN
26.	N57/5867	ARCHERSTOWN
27.	N6567	KILRUSH LOWER
28.	N3165	KILMACAHILL
29.	N4864	BISHOP'S LOUGH
30.	N6264	ROBINSTOWN LITTLE
31.	N4263	LOUGH PATRICK
32.	N2952	SKEAGHBEG
33.	N1049	LOUGH MAREEGAN
34.	N3046	LALISTOWN
35.	N2850	TOGHERSTOWN FEN
36.	N6667	CLORAN LOUGH

SCHEDULE 8.1.9

ROAD SCHEDULE

ATHLONE TOWN ROADS PROGRAMME	
Project Name	Project Description
R916 Garrycastle Realignment	Realignment of the R916 (700m) and construction of new road over rail bridge
New Rail Link Road	Construction of new 4 lane road between Coosan road and Crescent roundabout.
Cornamaddy - Coosan Link	
Glen Roundabout	Construction of 31 m ICD roundabout on the 2-Mile Road
R916 Roundabout at Moydrum Road	Roundabout R916/N6 North of Garrycastle Interchange
R916 Roundabout at N6 Interchange Off Ramp	Roundabout R916/N6 South of Garrycastle Interchange
N55 Cornamaddy Roundabout	Provision of Roundabout at junction of N55 and R916 with fourth arm serving Cornamaddy LAP
N55 Clonbrusk Roundabouts	Junction improvements at Coosan Point Road/Athlone Relief Road, 2 Mile Road/N55, N55/N6 off ramp.
R446 Bunavalley Roundabout	Construction of mini-roundabout
Roscommon Rd/Tuam Road Roundabout	Construction of mini-roundabout
Traffic Lights Magazine Rd/Talbot St	Provision of traffic lights
Loughandonning Link Road	Provision of link road from Creggan to Golden Island
Total (Athlone Town)	

MULLINGAR TOWN ROADS PROGRAMME	
Project Name	Project Description
Ardmore Link Road	Construction of 2 lane road linking R156 with N52 bypass.
College Street Bridge	Construction of 2-span vehicular bridge linking Fairgreen with College Street
Bleach Yard Link	Construction of link road between Bleach Yard and Grove Street
Grove Street	Widening of Grove Street
Multi Storey Car parks	Upgrade of Austin Friars Street Carpark & provide Multi storey Car Park at Heatons
Lynn-Mullingar Business Park Link	Construction of link road from Lynn Road to Fire Station
R390 Weldon's Cross Roundabout Ballymahon Road	Construction of roundabout
Green Bridge, Mount Street, Nugent's Corner & Dublin Bridge	Upgrade of traffic signals including linkage
R156 Prospect Roundabout	Construction of small urban roundabout
R394 C-Link North	Completion of 2 lane carriageway.
Clonmore Link*	Construction of 1.2km carriageway and bridge over Lacey's Canal including a 560m bridge
Robinstown Links	Construction of high quality roadway linking R394 with Delvin Road, Harbour Road with Robinstown area and Friars Mill Road with Robinstown Area via tunnel under canal
Sanderson's Bridge, Ardmore Road	Pedestrian Link over Canal and Railway
Longford Road	Pedestrian Bridge over Railway
Car park on lands opposite Loreto Convent	Provide surfaced car park for all day car parking
Facilitate local Bus Service	Agree Terminus and location for Bus Stops
Provide pedestrian links over the Canal	

Provide a link road from Ardmore Road to Russellstown Road including a bridge over the railway line and Canal	
Consider a link from Patrick Street - Old Met Station, to the Fair Green	
Provide a signalised junction to allow for two way traffic under the railway line between Bleach Yard and Lynn Business Park	
Provide a climbing lane at Skeagh Hill R 392 (Ballymahon road)	

MOATE TOWN ROADS PROGRAMME

Project Name	Project Description
Provision for carparking.	Provision of off-street carpark in Moate
To carry out improvement works to the Turnpike/Newtown junction.	To carry out improvement works to the Turnpike/Newtown junction.
Mount Temple Road railway crossing	To seek improvements to road width at the Railway gates on Mount Temple Road.
Windmill Road Junction Improvements	To implement traffic management proposals for the western end of the Town Centre. Roundabouts at N6/Windwill Rd and Jones Lake Rd/Windwill Rd.
CIE Link Road.	Upgrade to two lane road
Provision for footpath/cycle lanes	
Traffic Calming	

BALLYNACARRIGY VILLAGE ROADS PROGRAMME

Project	

Provision for carparking.	
Provision for footpath/cycle lane	
Provision for traffic calming	

BALLYMORE VILLAGE ROADS PROGRAMME	
Project	
Provision for footpath/cycle lanes	
Provision for off street carparking	
Provision for traffic calming	

CASTLEPOLLARD VILLAGE ROADS PROGRAMME	
Project	
Provision for off street carparking	
Provision for footpath/cycle lanes	
Provision for traffic calming	

CLONMELLON VILLAGE ROADS PROGRAMME	
Project	
Provision for off street carparking	
Provision for cycle lanes/footpaths	
Provision for traffic calming	

COLLINSTOWN VILLAGE ROADS PROGRAMME	
Project	
Provision for off street carparking	

Provision for cycle lanes/footpaths	
Provision for traffic calming	

DELVIN VILLAGE ROADS PROGRAMME

Project	
Provision for off street carparking	
Provision for footpaths/cycle lanes	
Provision for traffic calming	

KILLUCAN-RATHWIRE VILLAGE ROADS PROGRAMME

Project	
Provision for off-street carparking	
Provision for footpath/cycle lanes	
L-1015/L-1021 Roundabout	
Provision for traffic calming	

KINNEGAD VILLAGE ROADS PROGRAMME

Project	
Provision for off-street carparking	
Provision for cycle lanes/footpaths	
Link Road between N4 and the Killucan Rd	Provision of link road and roundabout at junction with Old N4 and Killucan Road

KILBEGGAN VILLAGE ROADS PROGRAMME

Project	
Provision for off-street carparking	
Link Road Mullingar Road and the present N6	

Link road Tullamore Road and Clara Road	
Link Road N6 and the local primary route L-1223 Camagh Rd.	
Provision for traffic calming.	
Provision for footpaths/ cycle lanes	
Consider the need for improvement of traffic flows at Coola Bridge	

ROCHFORTBRIDGE VILLAGE ROADS PROGRAMME	
Project	
Provision for off-street carparking	
Provision for traffic calming	
Provision for footpaths/cycle lanes	
To secure the provision of a link road between the Castlelost Road and the N6.	
Provision of an access/drop off point link from the Mullingar Road to the school on the Castlelost Road.	

NON NATIONAL ROADS PROGRAMME

Project Name	Project Description
R390 Re-alignment Walderstown	Realignment
R394 Taughmon	Realignment
R393 Mullingar - Ballymahon	Upgrade
N52 Carrick to Clonfad	Realignment
N52 Mullingar Bypass to Billistown	Realignment
N51 Delvin to Co. Boundary	Realignment
N52 Delvin to Clonmellon	Realignment
N52 Delvin Bypass	Realignment Off Line
N52 Clomellon Bypass	Realignment Off Line
N62 Fardrum to Co. Boundary incl. Ballinahown Bypass	Realignment On Line
N55 Athlone to Co. Boundary	Realignment on line
N55 Ballykeeran Bypass	
N55 Glasson Bypass	
N4 Killucan road Interchange & closure of median breaks	
N4 Interchange east of Downs Inn & closure of median breaks	
N4 Mullingar Bypass to Co. Boundary	Dual Carriageway
County Roads	
Newtown Lawns, Mullingar to N52 By Pass	Upgrade and realign this section of Roadway

SCHEDULE 8.1.10

SITES OF GEOLOGICAL INTEREST IN COUNTY WESTMEATH

Number	Site Location	Site Name	Geological Characteristics
1.	N0540	Mushroom Rock	This stone marks the former lake margins of Lough Ree Karst
2.	N440760	Hill of Mael & Rock of Curry	Small Hills Quaternary
3.	N420 675	Lough Derravaragh	Glacially over deepened lake Fluvial/Lacustrine Geomorphology
4.	N348648	Inny River	Ballysteen Limestone Lower Carboniferous
5.		Inny River	Anastomosing channel Fluvial/Lacustrine Geomorphology
6.		Kilbeggan	Handpumps Hydrogeology
7.	N5274	Murrens	Esker/ice contact fan/delta Quaternary
8.	N5069	Shores of Lough Lene	Karst springs- sink to rising across catchment divides Hydrogeology
9.	N5170	Fore	Karst Springs
10.	N165 458	Kiltober Esker	Esker Landscapes Quaternary
11.	N1839	Ballynagarbry	Esker complex Quaternary
12.	N3736	Long Hill Esker and Swallow Lough	Steep sided Esker Quaternary
13.	N380 415	Tyrellspass	Kettlehole Quaternary
14.	N3932	Rahugh Ridge	Esker woodland Quaternary
15.	N22 49	Ballymore Esker	Segmented Tunnel Fills Quaternary
16.	N5170	Fore Hills	Crag and Tails Quaternary
17.	N4266	Lough Derravaragh	Cherts Lower Carboniferous
18.	N4654	Mullingar bypass	Road Section Lower Carboniferous
19.		West of Athlone	Esker landscapes including Castlesampson and Knocknacool Esker

This list of sites is based on preliminary survey data from the Irish Geological Heritage Programme of the Geological Survey Ireland.

SCHEDULE 8.1.11**Esker Sites of Conservation Value in Co. Westmeath**

NO.	SITE	ESKER REF. No.
1.	Finnea/Murrens	1
2.	Clara (Derrygolan) Esker	46
3.	Rahugh Ridge (Kiltober) Esker	44
4.	Streamstown Esker	16
5.	Mount Temple Esker	35
6.	Horseleap Esker	36
7.	Long Hill Esker	37
8.	Split Hill Esker	39
9.	Cappalahy Esker	45
10.	Race Course Esker	40
11.	The Craggs Esker	2
12.	Castlepollard Delvin Esker	3
13.	Clonmellon Esker	4
14.	Paslickstown Esker(Ballynacarrigy-Ballinea) Esker	15
15.	Milltown Esker	23
16.	Rosemount Esker	20
17.	Raharney Esker	13
18.	Rathowen Cartonstown Esker	6
19.	Kilbeggan Esker	43
20.	Johnstown Ballyhealy Esker	12
21.	Baskin Ballinderry Esker	25
22.	Cloncrow Esker	38
23.	Belville Esker	31
24.	Castletown Ballynagore Esker	14
25.	Dalystown Esker	21
26.	Crossanstown Esker	22
27.	Clonarney-Addamstown Esker	11
28.	Killucan Esker	18
29.	Lakes-Scroghill Esker	19
30.	Uisneach Esker	17
31.	Cavestown Esker 1	7
32.	Cavestown Esker 2	8
33.	Hightown Esker	24
34.	Cavestown Esker 3	9
35.	Cavestown Esker 4	10
36.	Bellfield Esker	28
37.	Clontyallon Esker	33
38.	Curries Esker	41
39.	Boggagh Esker	42
40.	Carnybrogan Esker	5
41.	Annagh Esker	32
42.	Dungagh Esker	26
43.	Lowtown Esker	27
44.	Pass of Kilbride Esker	29
45.	Twy Lough Esker	30
46.	Cornamaddy Esker	34

APPENDIX 8.2.1 LISTS OF NATIONAL REGIONAL & LOCAL POLICY DOCUMENTS, PLANS & GUIDELINES FOR PLANNING AUTHORITIES

NATIONAL POLICY

- Air Pollution Act, 1987
- Department of Communications, Marine and Natural Resources: Statement of Strategy, 2005-2007
- Department of Education and Science: Statement of Strategy, 2003-2005
- Department of Enterprise Trade and Employment: National Climate Change Strategy, 2000
- Department of Environment, Heritage and Local Government: Action on Architecture 2002-2005
- Department of Environment, Heritage and Local Government: Making Ireland's Development Sustainable, 2002
- Department of Environment, Heritage and Local Government: National Spatial Strategy, 2002
- Department of Environment, Heritage and Local Government: Sustainable Development - A Strategy for Ireland, 1997
- Department of Environment, Heritage and Local Government: White Paper on Rural Development, 1998
- Department of Finance: National Development Plan, 2000-2006
- Department of Health and Children: National Children's Strategy, 2000
- Department of Health and Children: National Health Strategy: Quality and Fairness – A Health System for You, 2000-2005
- Department of Health and Children: Statement of Strategy, 2003-2005
- Department of Justice, Equality and Law Reform: National Disability Strategy, 2004
- Department of the Taoiseach: National Action Programme against Poverty and Social Exclusion, 2003-2005
- Department of Transport: Statement of Strategy, 2005-2007
- Department of Transport: Transport 21, 2005
- Dublin Transport Office: A Route to Sustainable Commuting: An Employer's Guide to Mobility Management Plans, 2001
- Environmental Protection Agency: Environmental Management in the Extractive Industry, 2006
- Environmental Protection Agency: Wastewater Treatment Manual, 2000
- Eolas: SR 6, 1991
- EU Assessment of the Effects of Certain Plans & Programmes on the Environment Directive, 2001
- EU COMAH (Seveso 2) – Control of Major Accident Hazards involving Dangerous Substances Regulations, 2000
- EU Groundwater Directive, 1980
- EU Implementation of SEA Directorate (2001/42/E6), 2001
- EU Major Accident (Seveso II) Directive 96/82/EC, 1996
- EU Rural Development Policy, 2007-2013
- EU Water Framework Directive (2000/60/EC), 2000
- Fáilte Ireland – Tourism Development Strategy 2000-2006
- Irish Sports Council: Statement of Strategy, 2003
- Local Government (Water Pollution) Acts, 1977 and 1990
- Noise Regulations, 1994
- Office Public Works: Guidelines on Flood Risk, 2005
- Planning and Development (Strategic Environmental Assessment) Regulations, 2004
- Planning and Development Act, 2000 & 2002
- Planning and Development Act: Part V, 2000

- Planning and Development Regulations, 2001
- Sustainable Energy Ireland: Energy Performance in Buildings Directive, 2005
- Water Quality (Dangerous Substances) Regulations, 2001

REGIONAL POLICY

- Development Plans of adjoining Planning Authorities – Kildare County Council
- Midland Regional Authority: Midland Regional Planning Guidelines, 2004
- Midlands Local Authorities: Midlands Waste Management Plan, 2005-2010

LOCAL POLICY

- Westmeath County Council: Westmeath County Arts Plan, 2003-2009
- Westmeath County Council: Westmeath Housing Strategy, 2002
- Westmeath County Council: Westmeath Housing Strategy, 2008
- Westmeath County Council: Westmeath Retail Strategy, 2007
- Westmeath County Council: County Development Board Strategy, 2002-2012
- Westmeath County Council: County Westmeath Sports, Recreation and Leisure, Facilities and Needs Survey Analysis Report, 2002

GUIDELINES FOR PLANNING AUTHORITIES

- Department of Environment, Heritage and Local Government: Childcare Facilities, Guidelines for Planning Authorities, 2001*
- Department of Environment, Heritage and Local Government: Childcare, Guidelines for Planning Authorities, 2004
- Department of Environment, Heritage and Local Government: Development Plans, Guidelines for Planning Authorities, 2007
- Department of Environment, Heritage and Local Government: Architectural Heritage, Draft Protection/Guidelines for Planning Authorities, 2004
- Department of Environment, Heritage and Local Government: Telecommunications, Antennae and Support Structures, Guidelines for Planning Authorities, 1996
- Department of Environment, Heritage and Local Government: Housing Supply, Guidelines for Planning Authorities, 2000
- Department of Environment, Heritage and Local Government: Implementation Regional Planning Guidelines, Best Practice Guidance, 2005
- Department of Environment, Heritage and Local Government: Landscape and Landscape Assessment, Guidelines for Planning Authorities, 2000
- Department of Environment, Heritage and Local Government: Architectural Heritage Protection for Places of Public Worship, Guidelines for Planning Authorities, 2006
- Department of Environment, Heritage and Local Government: Telecommunications Antennae and Support Structures, Guidelines for Planning Authorities, 1996*
- Department of Environment, Heritage and Local Government: Traffic Management Guidelines for Planning Authorities, 2003
- Department of Environment, Heritage and Local Government: Tree Preservation, Guidelines for Planning Authorities, 1994
- Department of Environment, Heritage and Local Government: Wind Energy Development, Guidelines for Planning Authorities, 2004
- Department of Environment, Heritage and Local Government: Wind Energy Development Guidelines for Planning Authorities, 2006

- Department of Environment, Heritage and Local Government: Wind Farm Development, Guidelines for Planning Authorities 1996*
- Department of Environment, Heritage and Local Government: Quarries and Ancillary Activities, Guidelines for Planning Authorities, 2004
- Department of Environment, Heritage and Local Government: Residential Density, Guidelines for Planning Authorities, 1999*
- Department of Environment, Heritage and Local Government: Sustainable Residential Development in Urban Areas, 2008
- Department of Environment, Heritage and Local Government: Retail Planning, Guidelines for Local Authorities, 2005
- Department of Environment, Heritage and Local Government: Retail Planning, Guidelines for Planning Authorities, 2000*
- Department of Environment, Heritage and Local Government: Sustainable Rural Housing Guidelines for Planning Authorities, 2005
- Department of Environment, Heritage and Local Government: Charge of Housing Estates/Management Companies, Guidelines for Planning Authorities, 2005
- Department of Environment, Heritage and Local Government: Strategic Environmental Assessment (SEA), Guidelines for Planning Authorities, 2004
- Department of Environment, Heritage and Local Government, Development Management, Guidelines for Planning Authorities, 2007
- Department of Environment, Heritage and Local Government, Implementing Regional Planning Guidelines - Best Practice Guidance, Guidelines for Planning Authorities, 2005
- Department of Environment, Heritage and Local Government, Sustainable Urban Housing : Design Standards for Apartments - Guidelines for Planning Authorities, 2007.

**Denotes documents, which may be available from Government Publications Office, Molesworth Street, Dublin 2 or on the Department of Environment & Local Government Web site www.environ.ie/developmentandplanning. This list is not exhaustive and additional documents will be considered as appropriate.*

APPENDIX 8.2.2 POPULATION & SETTLEMENT

1.1 COUNTY PROFILE & POPULATION TRENDS

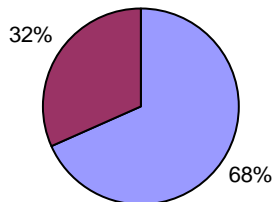
Census 2006

The Census 2006 Preliminary Report shows the population figures for Ireland have increased by 8.1% from 3,917,203 to 4,234,925 an actual increase of 317,722 persons. This four year period has experienced the highest annual growth rate on record.

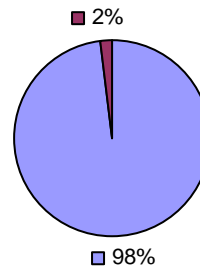
Within this, the midlands region grew by 11.1%, which comfortably exceeds the national average of an 8.1% increase, giving a midlands population of 251,380. County Westmeath increased in population by 10.5% from 71,858 to 79,403 an actual increase of 7,545 persons.

Therefore Westmeath accounts for 31.6% of the Midlands Region and 1.9 % of the State population.

Westmeath v Midlands



Westmeath v State



The increase in population in County Westmeath can be attributed to positive net migration and a negative natural increase resulting in an overall increase. Positive net migration has been largely brought about by economic growth, particularly in the Dublin Metropolitan Region, and house price relativities between the areas.

Table 1 County Westmeath: Population change in the period 1966-2006

Year	Population	% Change
1966	52,900	
1971	53,570	1.3
1981	61,523	14.85
1986	63,379	3.02
1991	61,880	-2.37
1996	63,314	2.32
2002	72,027	13.8
2006	79,403	10.5

Source: Census of Population, 1971, 1981, 1986, 1991, 1996, 2002 and 2006.

Map 1 below displays the population distribution of the County based on the 2006 census. *Error! Objects cannot be created from editing field codes.*

Map 2 shows the population distribution change in the inter census period 2002-2006.

The maps clearly demonstrate the areas with the greatest population are those around Athlone, Mullingar and towards the east of the County. Map 2 further sets out that these areas were also those which experienced the greatest population increases in the last census. On the other hand the more rural parts of the County are experiencing slower population increases specifically the west and north west of the County.

County Westmeath: Projected population 2014

Detailed analysis for population trends project population for the County to reach an estimated 110,000 persons by 2014. This increase in population would result in a need to provide an extra 16,800 households across the County up to 2014.

Table 2 Projected Population up to 2014

Year	Population Estimate
2006	79.4
2007	83.2
2008	87.0
2009	90.8
2010	94.6
2011	98.4
2012	102.2
2013	106.0
2014	110.0

Housing

Housing completions have increased largely in comparison to figures from the 1990 levels. However completions have not occurred at a steady level where completions peaked in 2004.

1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
235	299	400	702	929	1,105	1,140	1,578	1,517,	1,187,	1,585	2,125	1,634	1,704
							<i>Private House Completions</i>						
							1,478	1,478	1,125	1,480	1,979	1,541	1,666

Table 3 Total House Completions

1.2 POPULATION OVERVIEW & ANALYSIS

Population Projections

The regional guidelines and associated population projections were adopted in May 2004 based on CSO projections of 2001. The guidelines refer to three components of the population growth to 2020, the projections (pop 250K), the gateway impact (50K increase) and a contingency 25K, with the bulk of this growth channelled to the gateway. The actual population in 2006 was 251K. The CSO projections of 2005 are predicting higher growth than those carried out in 2001.

The significant role that in-migration has played in population growth in Westmeath can be seen in the following table.

Table 4 Composition of Population Change: Westmeath 1991-2006

	Pop. Change	Natural Increase	Migration
1991/96	1434	1893	-459
1996/02	8713	2655	6058
2002/06	7545	2684	4861

The county has moved from net out-migration in the period 1991- 1996 to net in-migration of over six thousand between 1996 and 2002 when it comprised 70% of the population growth during that period. Between 2002 and 2006 net in-migration comprised 64% of growth. Exceptional growth has been experienced in Westmeath and the Midlands region in the period 1996 – 2006, Westmeath’s population grew by 10.5% between 2002 and 2006 and the Midlands region grew by 11.6% over the same period. This included the unprecedented level of in-migration.

Population projections, which involve migration, are more susceptible to economic factors and in the case of international migration, to global economics (and such factors as EU accession - and even the slight upturn in the home economy, which this may bring. It is likely that many of the international migrants who comprise part of the Westmeath figures would return to their home country if the opportunity presented). In Westmeath, proximity to Dublin means that internal migration (from within the state) contributes significantly to population growth. (e.g. Change in the Dublin housing market, i.e. in the availability and affordability of housing, would impact on this component of population growth).

In addition the population forecasts of the Regional Guidelines are ‘horizons’ rather than projections in the normal sense in that they involved a deliberate effort to grow the gateway settlements and this growth was added onto the figures derived from projecting the population trends.

It is therefore prudent to approach population projections with caution and to Plan for the appropriate location of growth as the first principle and the quantum as second.

The Department of Environment and Local Government has now completed national and regional population projections for the implementation of the National Spatial Strategy (January 2007) which anticipates a slower growth rate for the Region than that experienced since 1996. Their projection for the Midlands Region predicts a population of 333,088 in 2020.

Table 5 Rates of Growth 1991 to 2006 (% compound per annum)¹

Region	1991-96	1996-02	2002-06
Border	0.21	1.01	1.95
Dublin	0.63	0.99	1.38
Mid-East	1.32	2.91	3.58
GDA	0.80	1.48	1.99
Midlands	0.25	1.55	2.77
Mid-West	0.40	1.15	1.52
South-East	0.43	1.32	2.11
South-West	0.53	1.00	1.69
West	0.54	1.28	2.11
State	0.56	1.30	1.97

The 2007 national and regional projections states that ‘the regions adjacent to the GDA (South-East and Midlands) will grow but at relatively slower rates, which over time are more commensurate with higher levels of locally generated growth and less reliance on Dublin orientated commuting’.²

The 333,088 population forecast for 2020 is 8,088 higher than the figure in the Regional Guidelines. Westmeath’s share of the 2020 figure is taken to be 120,000 which at constant growth over the period would equate to approximately 100,000 at 2014, the plan period. Most of the growth will be focused on the two of the linked gateway towns, in the county: with Athlone growing by 9K, Mullingar by 7K and the rest of the county by 4.6K. These projections have been used in this plan.

¹ Source NATIONAL AND REGIONAL POPULATION PROJECTIONS 2006 – 2020, Department of Environment, Heritage and Local Government, 26 January 2007

² As above

Households

The number of households in Westmeath has grown disproportionately to the population increase. The Census of Population shows that households increased by 4210 between 1996 and 2002 accompanying a population increase of 8713. This is a much higher number of households than would be expected for that level of population growth. The number of houses built during the period, 7093, was greater than the number of new households. The projected decrease in average household size over the period to 2014 and the number of resulting new households is shown in the following table. The number of new houses required is very dependent on the size of households.

Table 6 New Household Requirements 2006/2014 Westmeath including Athlone Town Council

	Pop.	Avg. Size	Households	Change
1996	63.3	3.21	19.7	
2002	71.9	2.98	24.1	
2006	79.4	2.56	31.0	
2007	82.0	2.50	32.8	1.8
2008	84.6	2.46	34.4	1.6
2009	87.2	2.40	36.3	1.9
2010	89.8	2.36	38.1	1.8
2011	92.4	2.30	40.2	2.1
2012	95.0	2.30	41.3	1.1
2013	97.6	2.30	42.4	1.1
2014	100.2	2.30	43.6	1.2
Change 07/14		12,600 new households		

Housing Supply

The extent of housing requirements set out above, may be compared to the pattern of housing delivery observed in the recent past
Housing completions, County Westmeath

2001	2002	2003	2004	2005	2006
1517	1187	1585	2125	1634	1600 (est.)

Source: DoEHLG: Quarterly Bulletin of Housing Statistics

House completions in the County as a whole have averaged in the region of 1600 over the last five years. The rapid increase in recent years may be seen as arising from overspill from

Dublin. Most of the growth has been in the East of the County, specifically concentrated around Mullingar.

Based on population projections again set out in table 2.1(c) it is estimated that by 2014 we will have 43,600 households compared to an estimate figure for 2008 of 34,400 households. For the six year plan period approximately 9,200 new houses will have to be built to cater for the growth in households projected

The projections indicate that affordability will continue to be a problem. This is dealt with in the chapter on Housing.

1.3 LAND AVAILABILITY & DEVELOPMENT CAPACITY

An important function of the County Development Plan is to ensure that there is sufficient land available to cater for the development needs of the county over the plan period. The following tables illustrate the current availability of zoned, serviced lands for residential and enterprise use, in the county and the larger settlements.

Table 7 Land Availability - County and Gateway towns

	Population		Undeveloped zoned residential land	Units per hectare	Equivalent Residential Units (Less 10% open space)	Population ³ Equivalent	2014 (E)	Undeveloped zoned enterprise land
	2002	2006						
County	71,858	79,403	774(Ha)	30	20,898	50,155	100,000	422.9(ha)
Athlone	13,787	13,774 (18.2)	198 (Ha)	35	6,237	14,968	22,774 (the part in Westmeath only)	160+(ha)
Mullingar		18,500 (18.5)	215.84 (Ha)	35	6,798.96	16,318	25,500	1140+(ha)

Table 8 Land Availability - Centres for Growth

³ Household size = 2.4 persons (currently 2.98, the average household size is expected to fall)

	Population 2002	Undeveloped zoned residential land	Units per hectare	Equivalent Residential Units (Less 10% open space)	Population Equivalent	Enterprise
Moate	1,520	94(ha)	35	2,940	7,056	13.53(ha)
Castlepollard	907	47(ha)	25	1,057	2,537	14.66(ha)
Kilbeggan	762	49(ha)	25	1,002.5	2,406	27.97(ha)
Kinnegad	1429	24(ha)	25	540	1,296	31.16(ha)

Table 9 Land Availability - Centres for Further Development Potential

	Population 2002	Undeveloped zoned residential land	Units per hectare	Equivalent Residential Units (Less 10% open space)	Population Equivalent	Enterprise
Rochfortbridge	1,537	32(ha)	25	720	1,728	14.66(ha)
Ballynacarragy	260	6.79(ha)	25	153	367	3.89(ha)
Ballymore	239	12.4(ha)	25	280	672	N/a
Collinstown	229	14(ha)	25	315	756	1.75(ha)
Coole	209					
Clonmellon	403	17(ha)	25	383	919	5.46(ha)
Delvin	358	45(ha)	25	1,013	2,431	4.32(ha)
Glasson	216	N/a				
Killucan/ Rathwire	623	15(ha)	25	337.5	810	2(ha)
Miltownpass (DED)	315	4(ha)	25	90	216	3.5(ha)
Multyfarnham	153	N/a				
Raharney	232	N/a				
Tyrrellspass	443	N/a				

Westmeath County Council Housing

Strategy 2008 to 2014

Westmeath County Council

November 2008

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1 Introduction

Under Part V of the Planning Acts 2000 - 2006, planning authorities are required to include in their development plans a housing strategy to provide for the existing and future population of their area. This Strategy sets out the strategies and policies which Westmeath County Council intends to follow over the period of County Development Plan 2008 to 2014¹ in order to realise the vision and corporate aims of the Council and to fulfil its statutory obligations in the area of housing provision.

The Strategy firstly establishes the context of housing in Westmeath in terms of:

- The Council's established Corporate Plan, insofar as it relates to housing;
- The Action Plan for Social and Affordable Housing 2004-2008 (to be reviewed in 2008), which determines its own housing activities;
- The four year Programme for the Accommodation of Travelling Families in County Westmeath 2005 – 2008 to be reviewed end of 2008;
- The broader land use settlement and zoning strategies which have been set out in the County Development Plan and the Regional Plan Guideline's
- Linking these four items, the framework for the County Housing Strategy.

Secondly, the document summarises calculations of housing demand and supply, including the supply of serviced zoned land and the overall requirement for social and affordable housing will be presented.

Thirdly, strategies to ensure an adequate supply of land for housing and necessary construction of social and affordable housing are set out.

Finally, policies, which the Council will apply in pursuit of this strategy and other relevant housing aims, are stated.

This document, together with supporting documents, forms Westmeath County Council's Housing Strategy under Part V of the Planning Acts 2000 - 2006, for the period 2008-2014, and replaces the existing Strategy. The existing strategy was extended in 2006 to cover the remaining period of the current development plan.

2 Context

2.1 General Role of Westmeath County Council in Housing

This housing strategy should be read in conjunction the County Development Plan and Regional Plan Guideline, which sets out housing and settlement policy.

The role of the County Council in relation to housing is to formulate a planning policy for housing;

- consider planning applications for private housing;
- ensure that sufficient lands are zoned and serviced to meet the projected housing demand;
- provide houses or facilitate the provision of social and affordable housing for those unable to house themselves;

¹ The six-year period of the Plan and the Housing Strategy is expected to be from April 2008 to March 2014. Throughout this document, where years are indicated, they relate to the April to March period closest to the year shown e.g. 2014 related to the period April 2014 to March 2015. Thus the six year period is shown as 2008 to 2014.

- and to promote sustainable development and heritage conservation.

All housing provided within the County should be to the highest standard and contribute positively to personal goals and community formation and development.

Whilst reflective of changing social and economic patterns, housing provision and location must aim at achieving sustainable development in well structured communities. It should maximise the use of infrastructural investment and facilitate human choice and aspiration.

The objectives of the Council are:

- To integrate social inclusion in all main policy areas;
- To provide for a diverse range of housing needs;
- To promote balanced communities;
- To promote sustainable development;
- To promote high quality living environments;
- To ensure provision of support services and community facilities;

2.2 Housing in the Corporate Plan for Westmeath

The Corporate Plan for Westmeath County Council contains an objective to provide and promote better housing services to cater for the needs of a diverse population, by ensuring the availability of adequate accommodation at reasonable cost. The objective is to maximise the availability of accommodation to meet different categories of need and to promote the full range of housing options, through the following strategies:

- Statutory assessment of housing need
- Promotion of the full range of options as outlined in the plan for Social Housing – The Way Ahead 1995.
- Implementation of the Housing Strategy (Part V of Planning & Development 2000)
- Regulation of the private rented sector and the use of RAS.
- Implementation of the Scheme of Letting Priorities & Points Based Allocation System

2.3 Action Plan for Social and Affordable Housing 2004-2008

The Action Plan was approved by the Council in 2004. Westmeath County Council's objective, with regard to the delivery of social and affordable housing measures over the period 2004-2008, is to meet the needs of the various categories identified in the Assessment of Housing Needs in an appropriate manner. This will be achieved through a variety of methods including inter alia,

- direct provision of housing units,
- acquisition of Part V units,
- voluntary housing schemes,
- provision of private sites,
- loans & grants to improve current housing and providing for special need categories.

The targets set out in the Plan are based on five-year projections. It is proposed to review this Plan in two to three years to ensure that the level of provision remains adequate to meet the housing needs of housing applicants. At the time of the adoption of this action plan RAS was only at infancy level and the effects of the scheme were not reflected in the document.

2.4 County Settlement Strategy

Housing strategy and policy will underpin the vision and approach to physical planning in the Development Plan and Regional Plan Guideline. This will include the zoning provisions of the Plan, aiming in particular to ensure that sufficient land and houses are available to facilitate

the development of Growth Centres, that these settlements are balanced in their social composition and that they are grown in accordance with available infrastructure.

The overall pattern of demographic change in County Westmeath has been set out in the Draft County Development Plan and in Appendix 1, which indicates the likely scale of growth of population to 2014. The same Chapter sets out the settlement strategy for the County, within the parameters of the National Spatial Strategy and the Regional Planning Guidelines for the Midland Region.

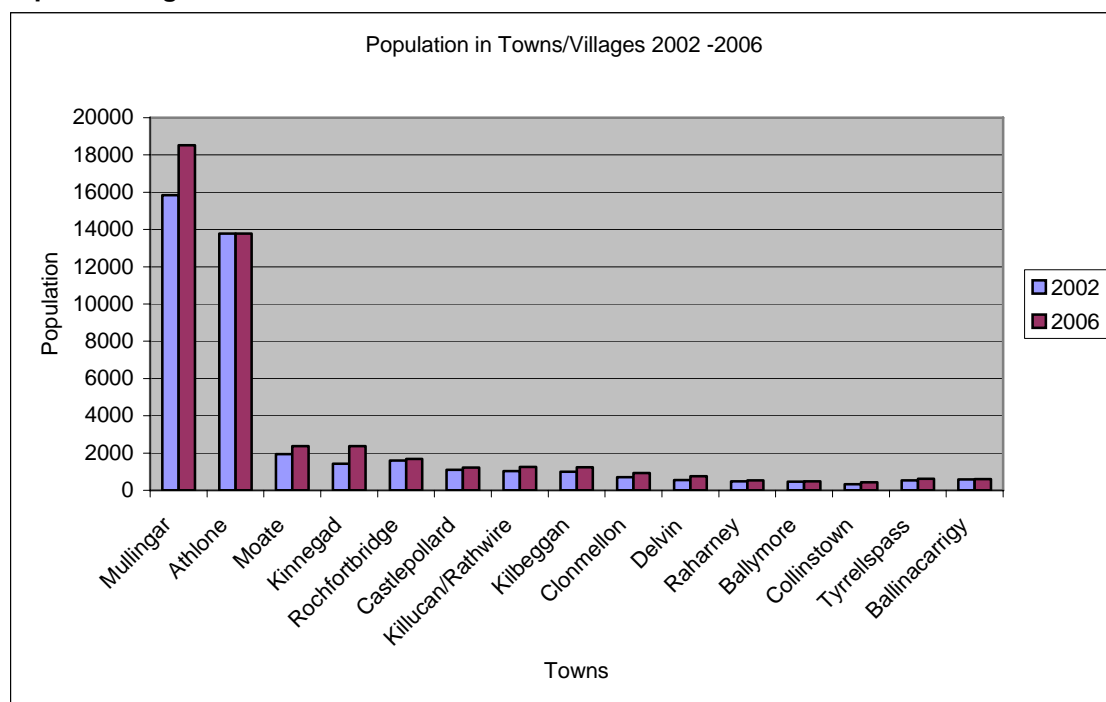
The main towns of the County and their status in terms the National Spatial Strategy and Regional Planning Guidelines are as follows:

Gateway towns:	Mullingar and Athlone
Centres for growth:	Moate, Castlepollard, Kilbeggan and Kinnegad
Centres for further development potential:	Rochfortbridge, Killucan/ Rathwire, Clonmellon, Tyrellspass, Delvin, Raharney, Ballyncargy, Collinstown, Ballymore, Multyfarnham, Milltownpass, Coole and Glasson
Centres with limited development potential:	Ballinalack, Rathowen, Finea, Ballinagore, Ballykeeran and Castletown Geoghegan
Unserviced settlements:	The Downs, Loughnavalley, Rathconrath, Taghmon, Gainstown, Ballinea, Milltown, Dysart, Moyvore, Baylin, Castledaly, Mount Temple, Tang, Tubberclair, Ballinahown, Streamstown, Horseleap, Streete, Crookedwood, Drumcree, Castletown-Finea, Lismacaffrey and Archerstown (Communal sewage treatment not acceptable, individual systems only)

In the previous strategy Mullingar, Athlone and Moate were the only scheduled towns where zoning was indicated. However, since the adoption of the current County Development Plan, all of the other towns and villages listed above all have zoning status except for Tyrrellspass and Raharney.

Population of County Westmeath 2006, 79,403.

Population figures 2002 – 2006



All of the above figures are based on the District Electoral Divisions. The Mullingar figure includes Mullingar Rural. The Athlone figure includes Athlone East Rural but not Roscommon area.

Source CSO preliminary figures.

2.5 County Housing Strategy - Statutory Requirements

The preparation of a Housing Strategy is a requirement under the Planning Acts 2000 - 2006, Part V and Part II of the Planning and Development (Amendment) Act 2002. This Document sets out Westmeath's Housing Strategy for the period 2008 – 2014, which will be the lifetime of the new County Development Plan.

The Housing Strategy must include an analysis of demand and supply for the different sectors of the housing market, forecast future needs and shortfalls, and propose objectives to balance demand with supply in a sustainable manner. The procedures for the preparation of a Housing Strategy are set down in the Act.

In particular, the Act specifies that the Housing Strategy will:-

- Estimate the existing and likely future need for housing in the area, and ensure that sufficient zoned and serviced land is made available to meet such needs.
- Provide that as a general policy a specific percentage (not exceeding 20%) of the land zoned in the Development Plan for residential use, or for a mixture of residential and other uses, shall be reserved for those in need of social or affordable housing in the area.
- Ensure that a mixture of house types and sizes is provided to meet the needs of different categories of households, including the special requirements of elderly persons and persons with disabilities.
- Counteract undue segregation between persons of different social background.

Thus the Housing Strategy encompasses both the role of the Authority as the provider of social and special housing and its broader land use planning responsibilities.

Westmeath County Council adopted its first Housing Strategy in 2001. This Housing Strategy replaces the existing strategy; its provisions have been framed in the light of a review of the previous Strategy, which is summarised below. In 2006 the members of the council agreed to extend the current strategy to the end of 2008.

Review of the 2001-2006 Housing Strategy and Proposed Amendments

ELEMENTS OF THE 2001 STRATEGY

The 2001 Strategy set out the quantum of housing to be provided in County Westmeath. The key elements of the Housing Strategy can be summarised as follows:

- The total estimated demand for housing between 2001 and 2006 was 6,711 units and it was estimated that 31% of households (2,076) would meet the eligibility criteria for affordability as defined in section 93(1) in the Act. There was sufficient land zoned for residential development within the county to meet the projected demand for housing. In addition, the Council did adopt area plans for specific villages/settlements to ensure that there was a better spatial distribution of land zoned for development throughout the county.
- Under the 2001 strategy 515 units were to be provided under the terms of Part V of the Planning and Development Act. However, an Amendment Act in 2002 stated that it would only effect planning permissions granted after 01st January 2003. This reduced significantly the likely contribution under the scheme and this Amendment Act will continue to have an effect until the end of 2007.

Up to the end of last year 38 no units had been delivered. The Local Authorities also accepted financial contributions and land at other locations as part of some agreements. Financial contributions were mainly accepted where developments were composed entirely of apartments. A further 74 units has been agreed in 2006 and this figure is likely to increase in future years.

Under the existing strategy it was estimated that 6711 units would be constructed in the six-year period however the actual house completions is 9556. This has averaged almost 1600 houses per year, and includes a figure of 595 provided by Westmeath Local Authorities in this period.

It is evident from the above that while we did not meet the targets for social and affordable units as set out in our existing strategy that the supply of housing under Part V has now started to increase significantly and will meet our likely requirements in future years. It is also worth noting that the supply of private houses was 42% higher than anticipated in the current strategy.

VARIATIONS PROPOSED: SUMMARY

In the light of performance under the present Strategy, recent household growth trends, and using an updated analysis of requirements, the Housing Strategy 2008-2014 it is recommended that we maintain the percentage of social and affordable housing required from developers under Part V of the 2000 Planning and Development Act at 20%. This is based on the calculations contained in Appendix A which is attached to this strategy document.

3. Housing Demand and Supply

In estimating the demand for housing and particular for Social and Affordable housing the Council looked at

- Household Formations
- Income
- House Prices
- Determination of Affordability.

These are the key variables in determining whether individuals are likely to encounter affordability problems in the county. Appendix A sets out how these figures were arrived at.

It is anticipated that the population of the county will increase to 100,000 by the end of 2014. The average size of households has also declined to 2.56 from 2.98 in 2002. By 2014 it is estimated that the average family size will be 2.3 as set out in Table 7.1 of the Appendix. In calculating house prices the paper assumes an interest rate of 5% and an average house price growth of 5% over the period. Under affordability using the existing methodology it is estimated that 36% of the population would experience affordability problems.

A different methodology was also used assuming that the new population into the county would be in a higher income decile than the average for the existing population. If this figure is accepted the affordability level is reduced to 26.4%. Whichever figure is accepted both remain comfortably above our existing 20% intervention level as per our current strategy.

3.1 Accumulated social housing need

Table 1 (Housing Waiting List Nov 2006 WCC & ATC) sets out the assessed overall social housing need within the County in 2006. This need may arise from:

- inability to pay for alternative accommodation,
- unfitness of the existing dwelling;
- overcrowding;
- involuntary sharing;
- homelessness;
- accommodation for travellers;
- and other special needs (including the needs of the elderly, disabled and persons with learning disability), as well as homelessness.

The largest single category of need arises from inability to pay for alternative accommodation – 82%. About 14% of all needs relate to special needs or involuntary sharing. Measured social housing need in the county now therefore relates to a major extent to inability to pay and/or special needs/involuntary sharing.

It is estimated that of those on the housing register who have been assessed, some 25% are eligible for an affordable housing solution. In addition, the Council have approximately 181 applications on hand for affordable housing, from those not on the housing register.

Table 1: Social Housing need by type, November 2006 Housing List

Category of Applicant	No WCC	No ATC	Total	%
Total Applicants	968	712	1680	100
Unfitness	43	36	79	5
Overcrowding	58	43	101	6
Medical/Compassionate	78	57	135	8
Elderly	50	43	93	6
Disabled	7	7	14	1
Involuntary Sharing	45	36	81	5
Homeless	2	2	4	1
Members of the Travelling Community	20	14	34	2
Young persons leaving institutional care without family accommodation	7		7	1
Financial	790	584	1374	82

Some housing applicants may fall into two or more categories.

3.2 Housing Requirements in the period 2008-2014

Housing need over the period 2008 to 2014 will arise from:

- Increase in the number of households
- Obsolescence of the existing stock (including existing habitable dwellings that become second homes)
- Additional houses required to facilitate movement of persons within the stock of housing

Of these, the first is the most significant in Westmeath, where the number of households is rising rapidly and the average household size continues to decline.

New Household Requirements 2006/2014

	Pop.	Avg. Size	Households	Change
1996	63.3	3.21	19.7	
2002	71.9	2.98	24.1	
2006	79.4	2.56	31.0	
2007	82.0	2.50	32.8	1.8
2008	84.6	2.46	34.4	1.6
2009	87.2	2.40	36.3	1.9
2010	89.8	2.36	38.1	1.8
2011	92.4	2.30	40.2	2.1
2012	95.0	2.30	41.3	1.1
2013	97.6	2.30	42.4	1.1
2014	100.2	2.30	43.6	1.2
Change 07/14		12,600 new households		

3.3 Land and Housing Supply

Housing Supply

The extent of housing requirements set out above, may be compared to the pattern of housing delivery observed in the recent past

Housing completions, County Westmeath

	2001	2002	2003	2004	2005	2006
	1517	1187	1585	2125	1634	1600 (est.)

Source: DoEHLG: Quarterly Bulletin of Housing Statistics

House completions in the County as a whole have averaged in the region of 1600 over the last five years. The rapid increase in recent years may be seen as arising from overspill from Dublin, fuelled by lower prices than the Capital, enhanced communications & greatly improved transportation links. Most of the growth has been in the East of the County, specifically concentrated around Mullingar.

Based on population projections again set out in table 7.1 it is estimated that by 2014 we will have 43,600 households compared to an estimate figure for 2008 of 34,400 households. This indicates that 9,200 will have to be built in this plan period to cater for the future

population. Based on recent performance by the construction industry it appears that the capacity is there to deliver this figure.

Land Availability

The table below summarises the land availability position within the County as at November 2005. Detailed tabulations of land availability by settlement are contained in the working paper prepared in support of the Housing Strategy.

Housing Land Availability in County Westmeath in November 2005

Town	Hectares
Athlone	198
Moate	94
Ballymore	12.4
Kilbeggan	49
Ballynacarrigy	6.79
Castlepollard	47
Mullingar	215.84
Rochfortbridge	32
Milltownpass	4
Collinstown	14
Killucan/Rathwire	15
Kinnegad	24
Delvin	45
Clonmellon	17

* This is the area of lands, which are zoned which are currently not built on.

Source: Westmeath County Council Planning Section

As can be seen from the above table the total zoned residential land available at November 2005 was 774 hectares. Detailed tabulations of land availability, when compared with anticipated population growth in each settlement, indicates that there is sufficient land zoned in the County to accommodate anticipated development over the period to 2014, in each settlement. These figures allowing for average densities of 28 units to the hectare can provide 22,500 units on the available zoned land. This figure is well above our likely requirements for up to 2014 and beyond and do not include one off houses or units in smaller population centres which average around 500 a year.

3.4 Housing Market Trends

Nationally, the market for housing remains buoyant. A similar situation is reflected in the figures for Westmeath. While Auctioneers have indicated that house prices in Mullingar and Athlone in particular have increased by 15% - 20% in the past year it is anticipated that this will level off significantly in the coming years.

As indicated earlier a 5% increase in house prices has been factored in, in the preparation of this strategy. Most of the demand is due to inward migration and it is expected that this will continue. It is considered that a major reason for the increase in house prices has been the improved communications network between our county and Dublin.

3.5 Social and Affordable housing requirements

Table 5 below summarises the position with regard to the annual rate of household formation and the numbers of households from these new formations who will meet the affordability criteria set out in Section 93(1) of the Planning Acts 2000 - 2006, based on projections of changes in house prices and personal incomes. Appendix A.

Table 5: Summary of Anticipated Social & Affordable Housing Need

Measure	2009	2010	2011	2012	2013	2014
Household formations (1)	1900	1800	2100	1100	1100	1200
Number of households meeting affordability criteria @ 26.4% S 93(1) (2)	502	475	554	290	290	317

Based on the above the total house formations in the six year period 9,200 whereas the number experiencing affordability problems will be 2428 of which Part V should provide 1840, it will be a matter for Westmeath Local Authorities to provide 588 units. Any shortfall in the provision under Part V will have to be met by the local authorities

Source : Appendix 1.

Source: Westmeath County Council
Requirement for social and affordable housing in private developments

4. The Housing Strategy

The housing strategy to be employed by the Council over the period of this plan comprises three elements:

1. To ensure that sufficient zoned and serviced land is available in designated growth centres within the County to accommodate the estimated housing requirements of such centres during the currency of the Plan
2. To provide directly for social and affordable housing solutions through its own house building programme, assistance to other agencies and individuals, acquisition of dwellings and other special programmes
3. To further provide for social and affordable housing through Part V of the Planning Acts 2000 - 2006

4.1 Provision of zoned and serviced land in Development Centres

The settlement strategy which is proposed for County Westmeath is set out in the Development Plan. This section of the Housing Strategy outlines the aims and objectives of the Local Authority in relation to proposed development within this zoned area of land.

Calculations summarised in this strategy are set out in full in the appendix, which supports the Strategy. These calculations indicate that there is sufficient zoned land available to accommodate the scale of growth which is envisaged for the County as a whole.

Calculations for all the serviced settlement areas of the County, as well as villages for which zoning is proposed, indicate that there is sufficient land for any reasonable proposed growth in each of these settlements.

4.2 Direct provision of social housing including special needs

Westmeath County Council will continue to endeavour to meet the needs of households through a range of social housing options, including the house building programme.

Westmeath County Council's Action Plan for Social and Affordable Housing was published in 2004 and details the strategy for direct provision which the Council proposes to make over the period to 2008.

Westmeath County Council's objective is to meet the needs of the various categories identified in the Assessment of Housing Needs in an appropriate manner. This will be achieved through a variety of methods including;

- direct provision of housing units,
- acquisition of Part V units,
- voluntary housing schemes,
- provision of private sites,
- Rental Accommodation Scheme,
- loans and grants to improve current housing and provide for special need categories, etc.

The targets set out in this Plan are based on estimated projections over the next 5 year period.

The Council is committed to promoting and facilitating the use of the full range of social and affordable housing options, as set out below. A new action plan will be prepared during the period of this strategy.

The Rental Accommodation Scheme has only recently been introduced, but Westmeath County Council has a target of transferring 400 housing applicants who are currently in receipt of rent supplement from the HSE to this new scheme. The majority of these tenants may see this scheme as a housing option and not wish to be offered a local authority house.

Housing Acquisition Programme

Each year as part of its Housing Programme, and where it proves economical to do so, the Council acquires dwellings at various locations throughout the County. Acquisitions are expected to be around ten per annum over the period of the Plan.

Private Sites Programme

To meet the growing demand and to supplement the traditional housing construction programme, Westmeath County Council will continue to operate a private sites programme, whereby subsidised sites will be made available to persons satisfying established income and other need criteria. It is anticipated that such provision will amount to some twelve sites per annum.

Affordable Housing Schemes ⁵

These houses relate to the provisions of the 1999 legislation, and may be provided directly by the Housing Authority or by voluntary and co-operative bodies - on an agency basis or independently. This will comprise a very significant portion of the total social and affordable housing to be provided.

⁵ The affordable housing scheme should not be confused with the term "affordable housing" as used in Part V of the Planning Acts 2000 - 2006.

In terms of starts, the number of units to be provided by the local authority under the 1999 Affordable Housing Scheme (including houses provided by voluntary or co-operative housing bodies on an agency basis to local authorities) is anticipated to be 250 over the period 2008 to 2014. It is our current policy when providing social housing developments in excess of 10 units that there be a mix of social and affordable units and it is recommended that this policy be continued.

Other Social Housing Options

A number of other schemes are available to applicants on the Council's housing list (or to existing tenants) including:

- Rental Accommodation Scheme RAS
- Provision of Extensions
- Improvement works in lieu of housing
- Sale of sites (Private sites scheme)
- Shared Ownership Scheme
- Essential Repairs Grants
- Disabled persons Grant

The Role of the Voluntary Housing and Co-operative Sector

It is expected that the role of the voluntary housing sector (voluntary housing associations, co-operative associations, and community associations) will feature strongly over the course of the development plan.

This Housing Strategy has been based on the expectation that through the implementation of Part V of the Planning and Development Act, 2000, Planning Authorities can work more closely with the voluntary housing sector to expand significantly their contribution to construction capacity across the country. This expectation of an enhanced role for the voluntary housing sector is in turn based on a belief that the sector has remained somewhat under-developed to date.

Specifically, voluntary housing bodies are assisted under the Capital Assistance Scheme with non repayment capital funding and Rental Subsidy Scheme to provide accommodation to meet the special housing needs such as those of the elderly, people with disabilities, homeless persons or small families. Westmeath County Council recognises the potential role of the voluntary sector in the provision of housing for special needs categories each as the elderly, people with disabilities and homeless people.

Traveller Accommodation Provision

Westmeath County Council proposes to provide a range of accommodation for members of the travelling community to meet their needs as set out in our Traveller Accommodation Plan 2004 – 2008 (to be reviewed in 2008). Our current policy in this regard is set out below.

- Standard Local Authority Housing, Westmeath County Council will continue to allocate at least 10%, in all new housing schemes of 10 houses or more, of newly constructed houses to the travelling community in accordance with the Scheme of Letting Priorities and Points System.
- Members of the travelling community will also be considered for casual vacancies that may arise in established housing schemes.

- Consideration where deemed appropriate, will be given to the purchase and/or construction of rural/single instance houses for members of the travelling community.
- Group Housing Scheme for Travellers Prospective Traveller tenants of the identified three group schemes will be invited to engage in meaningful consultation, with regard to the design, site selection, planning, environmental, technical and social aspects of the proposed respective group schemes.
- Westmeath County Council will continue to work in close co-operation with the various Housing Agencies/Associations. The Voluntary Sector, through the use of Capital Assistance Scheme and the Loan Subsidy Scheme, will be requested to consider the needs of Traveller families in their allocation of accommodation.
- Residential caravan parks at Mullingar and Athlone will continue to provide facilities to meet needs. It is proposed to carry out refurbishment work at the St. Michael's Park with a view to improving and updating the facilities.
- Provision of new emergency accommodation for homeless people is already underway in Mullingar through voluntary bodies and other voluntary bodies are identifying sites in Athlone.
- Provision for the elderly and people with disabilities is included in our overall figures.
- Policies regarding the provision of housing for members of the Travelling community, the elderly, people with disabilities and the homeless are set out in the County Development Plan.

5 Housing Policy

In pursuit of its housing strategy, Westmeath County Council will, in the execution of its own programmes as well as in considering the planning applications and programmes of other agencies, developers and individuals, apply the policies and guidelines set out in this section.

5.1 Planning Permissions and Part V of the Planning and Development Act, 2000

Section 96 of the Planning Acts 2000 - 2006 provides that the objectives of the Housing Strategy in relation to social and affordable housing shall be implemented by means of conditions attached to planning permissions for residential development.

Westmeath County Council will require a 20 per cent quota of social/affordable housing to be provided on each housing development within the county, and this requirement will be included as a condition of development, with the exception of application for development of 4 or less houses, or for housing on land of 0.1 hectares or less.

The Council will operate Part V of the Act in a way that encourages and facilitates a level of supply, which will meet the demands of all sectors of the market. It would frustrate the objectives of the housing strategy if its implementation were to result in any undue slow-down, interruption of housing supply, or disruption of the housing market.

Conditions attached to planning permissions for residential development to which the 20 per cent social/affordable quota applies will require developers to enter into an agreement with the Council to transfer to the Council in accordance with the implementation guidelines adopted by the Council in December 2003. These guidelines are included in Appendix 1.

The ratio of social to affordable houses to be provided, will normally be on a 50:50 basis, having regard to local housing needs, but at all times the 20 per cent requirement will be met. The maximum of social Part V provision is to be 50 per cent in any one application.

In so far as it is known at the time of the agreement, the Council will indicate to the developer its intentions in relation to the provision of social/affordable housing, including a description of the proposed houses, on the land or sites to be transferred, where such lands form part or parts of the lands which are subject to the application for permission as is, or are specified by the agreement as being parts required to be reserved for the provision of housing.

- The Council, in making such agreements, will have regard to:
- The Development Plan and any relevant local area plan
- the need to ensure the overall coherence of the development to which the planning application relates;
- The need for social integration, and
- The views of the developer in relation to the impact of the agreement on the economic viability of proposed development.

The Council's Planning & Housing Sections will encourage housing developers to whom the 20 per cent quota will apply to discuss the likely terms of the Part V agreements at such consultations. Both the Council and the developer should thus have a common understanding of the nature of the likely agreement before a decision to grant planning permission is made. It will be the Council's objective to finalise the agreement within two months at the latest of the grant of permission, in order to avoid delaying the start of Housing Development.

All social housing provided under Part V of the Planning & Development Act 2000 in accordance with this strategy shall be allocated to persons on the waiting list for that allocation area in accordance with the Council's Scheme of Letting Priorities, and affordable housing provided under Part V of the Act in accordance with the terms of this Housing Strategy all shall be allocated in accordance with a Scheme of Priorities for affordable housing as adopted by the Council.

5.2 Meeting the needs of persons with special requirements

Homeless Persons

The County Development Plan indicates that where possible Westmeath County Council will actively promote integrated social solutions including accommodation provision to the problem of homelessness (as defined in the Housing Act 1988) and will promote the provisions of the Westmeath Housing Strategy with regard to aspects for housing for homeless persons.

The Plan commits the Council

- To provide financial resources to the voluntary sector for the effective management of homeless accommodation;
- To promote targeted provision of accommodation for homeless persons

Provision of new emergency accommodation for homeless people is already underway in Mullingar through voluntary bodies and other voluntary bodies are identifying sites in Athlone.

Elderly persons

Emphasis is placed on the provision of lifetime adaptable housing. The provision of housing units in centrally located areas whereby there is access to all amenities such as shops, medical facilities, churches, etc. Provision through sheltered housing schemes is also an option that is encouraged. Policies are set out to this effect in the County Development Plan. Traditionally the council have provided single storey houses for this category but due to the increased cost of development land this may not be possible in the future and we will have to consider apartment type developments in co-operation with the voluntary sector.

People with disabilities

The council recognise the importance of providing houses for people with special needs in their areas of choice. In this regard in any proposals for social housing schemes consideration is given to the requirements of any special needs applicant in the area. Part V will also be used to provide for the needs of these applicants. The Voluntary Housing sector and other agencies are also active in the County in terms of identifying and meeting the needs of those with disabilities. The County Council is working in partnership with various voluntary sector groups and associations to facilitate further identification of needs and provision of housing for those with disabilities.

The housing needs of those on waiting lists and existing tenants with disabilities are generally being met through the Disabled Persons Grants Scheme which provides financial assistance for the adaptation of accommodation. The Voluntary sector also caters for these needs.

The concept of Lifetime adaptable housing will be applied to all new housing, so that all new housing is easily adaptable without undue expense and works to the original house design.

Westmeath County Council recognises the need to promote better awareness of people with disabilities. These principles are enshrined in the declaration "The City and the Disabled" in Barcelona in March 1995. Policies designed to implement these principles are set out in the Draft County Development Plan.

Revitalisation of existing areas of social housing

In addition to the provision of new housing or other housing solutions as set out above, Westmeath County Council is committed to a high standard of maintenance of its existing stock of dwellings.

The aims of the Council are to;

- ensure that the rented housing stock is managed in an effective and efficient manner that will enhance the quality of life enjoyed by its tenants;
- introduce special projects/initiatives to improve tenant participation;
- enforce measures to counteract anti-social behaviour;
- carry out improvements to the appearance of the environment of estates;
- implement effective letting arrangements and implement an appropriate rents scheme, while working within budgetary constraints.

In an effort to ensure value for money, Westmeath County Council adopt a policy of carrying out programmed maintenance with the aim of extending the life of its housing stock. It endeavours to ensure maximum tenant involvement in the management of their estates and facilitate the formation of new residents associations through its estate management programme.

Major funding has been approved by the Department for Remedial Works Schemes in seven Local Authority Estates which will be completed in the life time of this strategy.

5.3 Countering social segregation

In the National Anti Poverty Strategy (NAPS), access to housing is one of the key elements for fighting social exclusion and marginalisation and thereby assisting in the fight against poverty. The Council recognise the aims of NAPS and in partnership with the Voluntary and Community Sectors and through their function as a housing authority are committed to the development of a sustainable housing policy which will counter social exclusion and marginalisation. The following instruments will be used to achieve the desired ends:

- In accordance with Westmeath County Council's Scheme of Letting Priorities, all assessments for housing are based on need. In order to counteract undue social segregation, special specified categories are provided for in the Scheme to protect vulnerable categories.

- The Traveller Accommodation Programme 2004 – 2008.
- The Strategy for Homelessness 2002-2004
- The implementation of Part V requirements (this will assist in addressing social segregation in private housing schemes)
- The provision of a range of house types & sizes in social, voluntary and Part V developments
- With regard to inter-culturalism this is addressed in the four year Accommodation Programme for Travellers, 2004-2008, the provision of anti-racism awareness training for staff and the implementation of the DoEHLG policies for the provision of housing for non-nationals.

Westmeath County Council's Anti-Poverty Committee will assess the implementation of various policies to ensure equitable application of these policies to all customers of the Authority and to ensure that they are inclusive.

5.4 Promoting the role of housing agencies

Westmeath County Council, as the Housing Authority, manages and oversees the provision of all social, voluntary and affordable housing in the county and all voluntary bodies are expected to liaise with the Council at all stages of development. The Council takes an enabling and administrative role in the operation of the Capital Funding Schemes to assist approved housing bodies.

From time to time, the Council invites Voluntary Housing bodies to carry out developments in the county, having regard to DoEHLG policy to ensure social integration in housing developments, i.e., to ensure that all schemes have a Social, Voluntary and Affordable mix of tenures where practicable. Westmeath County Council may also consider provision of Part V units by a Voluntary housing agency.

A Liaison/Contact person for the Voluntary agencies has been appointed within the Housing Department of the Council. The Voluntary agencies must submit all requests for funding through Westmeath County Council and these submissions are assessed by the relevant technical staff prior to issue to DoEHLG for approval. At all stages of the project the Voluntary agency is required to keep the Authority advised of progress on the scheme.

5.5 Housing Design and Housing Mix

The Draft Development Plan indicates that it is an objective of the County Council to ensure that a mixture of house types and sizes are provided in each residential development. House design and layout reflect the requirements of different categories of households around the county- particularly those with special needs. An indication of house types required for social housing is available with the triennial "assessment of need" undertaken by the Housing Section of Westmeath County Council.

6 CONCLUSION

Westmeath County Council is committed to working with developers in implementing the provisions of Part V of The Planning and Development Act, 2000 as amended.

It is the objective of Westmeath County Council to expand the provision of Social and Affordable Housing under the terms of the Act. In doing so it wishes to promote the concepts of Social Integration and Sustainable development.

In doing so the Local Authority will attempt to minimise delays in processing applications and to facilitate prompt and effective consultation with all developers.

It is hoped that this document explains the various issues concerning the implementation of the Act and provides a basis for mutually beneficial and productive discussions between all developers and the local authority.

Policy Conclusions

The Council's policy is to reserve 20% of lands zoned for residential or mixed development for social and affordable housing (section 94(4)(c) – see Table 2.8. It is envisaged that 2260 houses will be provided as a consequence of the operation of Part V of the Planning Acts 2000 - 2002 – see Table 3.8. The policy of the Council will be to engage in discussions with developers prior to the planning process to negotiate details of the operation of Part V in relation to specific developments. Depending on the specifics of each application, the Council will apply one of the three options provided for under section 96(3)(a) of the Act as follows:

- The transfer of completed dwellings on the site the subject of the application.
- The transfer of fully or partially serviced sites on the site the subject of the application.
- The transfer of a portion of the site the subject of the application.
- The transfer of completed dwellings at another location.
- The transfer of serviced sites at another location.
- The transfer of land at another location.
- The payment of a monetary contribution..

An agreement may provide for a combination of any of the above.

The transfer of completed dwellings, sites or land will be to the Planning Authority or persons nominated by the Planning authority such as an Approved Housing Body.

The planning authority will indicate in so far as is known at that time the proposed use of the transferred dwellings, sites or land.

In its pre-planning discussions with developers, the Council will take into account the following factors as outlined in the Act (s.96(3)(e):

- “The proper planning and sustainable development of the area to which the application relates
- The housing strategy and specific objectives of the development plan which relate to the implementation of the strategy
- The need to ensure the overall coherence of the development to which the application relates and
- The view of the applicant in relation to the impact of the agreement on the development.”

The Council will take particular note of:

- The mix of social, affordable and private sector housing in the immediate vicinity of the development as the Council's policy is to avoid undue segregation.
- The location and features of the site and the proposed development. Where the attributes of the site suggest that one of the three options outlined above is impractical, the Council may require the payment to the planning authority of an amount equivalent in value to a transfer of land to the authority (section 96(12)(a)).

In particular, the Council will address the following objectives in the Housing Strategy:

- Residential developments on serviced land will occur at higher densities, especially where there are other adequate facilities and services.
- Future housing will occur throughout the county, both in rural areas as well as main and rural settlements, to ensure a balanced and integrated approach to development. This will ensure that rural communities within the county are sustained by encouraging the consolidation of rural settlements and villages and the provision of rural housing for local need.

- Land use zoning plans has been prepared for all villages and towns with treatment facilities.
- Where the local authorities own undeveloped residentially zoned land it may be more appropriate for the land to be developed for a wider mix of uses than just social housing.
- The planning authorities will aim to focus future land purchases in smaller pockets in both the main towns and rural villages and settlements in order to counter balance the level of social / affordable housing being provided in the main settlements under Part V of the Planning and Development Act.
- It is important that social and affordable housing is properly integrated into existing communities.
- All forms of housing should be of a form and scale that is appropriate to the location.
- The provision of a suitable mix and range of housing types and sizes to reasonably match the different categories of households, including the special requirements of the elderly and persons with disabilities. This will ensure that social and affordable housing is integrated into existing communities.
- Policies will aim to reduce the need to travel and encourages a form of residential development that reduces urban sprawl.

Population Projections

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for

Affordable and Social Housing

**Westmeath
2008 – 2014**

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1. Introduction

This report presents population projections for Westmeath for the period 2008 to 2014 to underpin the forthcoming county development plan and also for the period to 2020. Based on these population projections the demand for affordable housing is estimated. Reference is also made to the demand for social housing. The affordable housing estimates broadly follow the methodology recommended by the Department of the Environment, Heritage and Local Government.

Over the recent past regional and national demographic projections have been prepared by the Central Statistics Office. Regional projections for the Midlands have been incorporated into the Regional Planning Guidelines. County level projections have not been prepared by the CSO and the Regional Authority has not disaggregated the regional projections into the county level for Westmeath, Longford, Laois and Offaly. County level projections for Westmeath have been prepared for the County Development Plan and the current housing strategy. The recent Indecon report includes certain aspects of future population trends for the Midlands and Westmeath.

Population projections are subject to a large element of uncertainty. The degree of uncertainty increases as one moves from national projections to regional projections and from regional to county projections. The main reason for this is uncertainty about migration flows.

County level projections must be consistent with national and regional projections. Westmeath population projections must reflect the agreed regional strategic guidelines. In effect, the county level projections should be the county by county implementation of the regional strategy and the regional strategy should be consistent with the national population projections. As all three different levels of population projection have not been prepared at the same time and for the same period it is necessary in certain cases to depart from existing higher level projections to arrive at county level projections because of new trends and additional information.

The future population of Westmeath will reflect

- National trends
- Regional trends
- The impact of inward migration from the Greater Dublin Area
- County level structural features
- The population impact of the National Spatial Strategy Gateway objective

The implementation of the gateway concept for the Midlands gateway of Athlone, Mullingar and Tullamore will have the largest of the different impacts on the future population of Westmeath and the Midlands generally. The population growth associated with the gateway

will exceed the impact of 'normal' demographic factors and the GDA associated population inflow.

As discussed in the report this creates certain difficulties in identifying future population growth. The growth in population associated with the gateway is not a function of normal demographic determinants such as births, deaths and normal GDA related migration. It depends instead on the target level of population for the gateway, the phasing of this growth, the placement of the population between Westmeath towns of the gateway (Athlone & Mullingar) and the Offaly location of Tullamore and the distribution of regional and county population growth between the gateway and other regional locations. It also depends on the placement of the Athlone population growth between Westmeath and Roscommon. The regional planning guidelines refer to gateway population requirements but do not publish the breakdown between the three elements of the gateway. The Indecon report, which is not an official document, refers to possible higher gateway related population size than the regional guidelines. This report also refers to a narrow concept of "town" population for Athlone. The county level population projections presented in this report takes account of policy positions already identified by official documents but it has been necessary to make additional assumptions to derive the Westmeath implications of the Midlands gateway.

2. Recent Population Projections and Trends

Population growth in the Midlands and in Westmeath has been much higher than envisaged over the past several years. This is also the case nationally. The CSO published regional population projections in June 2001 which predicted a declining Midlands population. These regional population projections were consistent with the then national projections which presented a range of alternative projections based on different migration and fertility assumptions. The assumptions are fertility (F1 high, F2 medium, F3 low), international migration (M1 high, M2 low (including emigration from 2011) an internal migration (minus 1,000 persons per year 1996-2031.) Based on these assumptions the following regional populations were projected. The MIF1 (highest) and M2F2 (lowest) projection variants are shown in Table 2.1.

Table 2.1 CSO National and Regional Population Projections June 2001

		National	Midlands
1996	Actual	3626.1	205.5
2001	M1F1	3836.9	208.2
	M2F3	3808.3	207.1
2006	M1F1	4053.3	210.4
	M2F3	3937.6	205.7
2011	M1F1	4256.7	211.0
	M2F3	4014.7	201.2
2016	M1F1	4424.9	209.5
	M2F3	4041.5	193.9
2021	M1F1	4563.2	205.8
	M2F3	4040.2	184.6

The 2001 CSO projections expected a midlands population of between 208K and 207K in 2001 and between 210K and 206K in 2006. The actual population greatly exceeded these expectations. In 2002 it was 225K and in 2006 it was 251K (Table 2.2)

Table 2.2 Actual and Projected Midlands Population 2002 and 2006

	Actual	Projected (High)	Gap %	Gap Pers. (K)
2002 (K) ¹	225.4	207.8	8.5	17.6
2006	251.4	210.4	19.5	41.0

¹ Projected 2002 based on 2001 plus average change 2001-06

The gap between actual and projected midlands population was 17.6K persons or 8.5% in 2001 and 41K persons or 19.5% in 2006.

The county populations of the midlands region were not projected but on the assumption of Westmeath retaining its 1996 share of regional population the gap between Westmeath's actual population and that projected in the 2001 CSO projections is shown below (Table 2.3)

Table 2.3 Westmeath Actual and Projected Populations 2002 and 2006

	Actual	Projected ¹	Gap %	Gap Pers.
2002	71858	64002	12.4	7856
2006	79403	64803	22.5	14600

¹ Based on 1996 Westmeath share of Midlands population

The actual 2002 population was 12.3% above the projected 2002 population and in 2006 the gap was 14,600 persons or 22.5%.

The 2002-2008 Westmeath County Development Plan presented population projections for the period to 2020. Actual populations have been much higher than the levels anticipated in the development plan.

Table 2.4 Westmeath Development Plan Population Projections and Actual Population

	1996 Actual	2000 Estimated	2005 Projected	2010 Projected	2015 Projected	2020 Proj
Development Plan	63314	67353	72400	75891	78703	79343
CSO and estimated	63314	69010	77516	n.a.	n.a.	n.a.
Gap %	0	2.5	7.1			

The estimated actual population in 2000 was 2.5% above the development plan estimate. The 2005 gap was 7.1%. Of particular note is the fact that the 2006 actual population of 79,403 in Westmeath is at the level that the development plan expected to arise in 2020. As already noted the rapid rise which occurred since the mid to late 1990s was not expected at the time of preparing the 2001 regional population projections or at the time of preparing the development plan projections.

Westmeath population projections were also included in the Housing Strategy for Westmeath prepared in February 2002. Contrary to the other sources of demographic projections the Housing Strategy projections overstate the actual population size and growth.

The housing strategy considered various population projections, those based on trend household formation, the implicit CSO county projections based on the regional projections, the county development plan and implications of the strategic guidelines for the GDA. It decided to use the household completions method. This multiplied the number of expected

new household (using household completions as the proxy) by an assumed average size of households. The expected population increase is shown below (table 2.5)

Table 2.5 Westmeath Population Projections 2001 – 2006 (Housing Strategy 2002)

	Expected New Households	Average Household Size	Population	Actual Population (Census)
2001	1091	3.03	73871	
2002	1102	3.00	76286	71,858
2003	1113	2.96	78657	
2004	1124	2.93	80984	
2005	1135	2.89	83264	
2006	1146	2.86	85498	79,403
Change 01/06	6711			

The 2006 Housing Strategy population refers to private household population. The actual figure refers to total population. Adjusting the actual 2006 population for this would reduce the 79,403 to about 77,000. Therefore the actual Westmeath population in 2006 is 10% below the housing Strategy projection.

This difference could be due to unexpected changes in number of house completions and/or average household size.

As shown below house completions have exceeded the levels envisaged in the Housing Strategy. Based on the Housing Strategy methodology the population in 2006, using house completions and a low average household size of 2.8 persons would be 90570 persons plus about 2300 in other accommodation giving a total based on new house completions of 92870 compared to the actual level of 79403.

Table 2.6 Actual and Projected House Completions

	2001	2002	2003	2004	2005	2006	Total
Actual Private House	1478	1125	1480	1979	1541	1500	9103
Actual Total House Completions	1517	1187	1585	2125	1634	1508	9556
Housing Strategy Projections	1091	1102	1113	1124	1135	1146	6711

Actual house completions greatly exceed the Housing Strategy predictions, 9556 compared to 6711 between 2001 and 2006. However 2006 population (79,403) is well below the Strategy prediction of 87,798 including non private household population). As noted above the population change/house completions change imbalance between 2001 and 2006 could be explained by unexpected major changes in household size. If this were the cause it would imply dramatic changes in household size (as shown in Table 2.7)

Table 2.7 Implied Household Size of House Completions

	Private Household Population	Households	Average Size
2002	69606	23360 ¹	2.98
2006	77103	30174 ²	2.56
Change	7497	6544	1.15

¹ Number as per census April 2002

² Estimate as of April 2006, i.e. May-Dec 2002 plus

All of 2003, 2004, 2005 plus

Jan April 2006) (800+1585+2125+1634+400)

An alternative way of examining the situation is that the population between April 2002 and April 2006 rose by 7497, and if the average size of new household was 2.5 the number of new houses needed would be about 3,000 and not the 6544 which were completed.

An alternative possibility is that a substantial part of the new house completions is not occupied. However if even 500 are unoccupied the average size of the new households would still be very small at 1.24 persons.

The average size of household of the “new” population is a significant determinant of housing requirements. For a given population increase the average household size determines the demand for houses.

The 2002 Housing Strategy assumed a steady decline in the size of households but the assumed decline is lower than what has apparently occurred.

To examine this issue further the 1996 to 2002 period was examine. Census of Population data is available for both years

Table 2.8 Household size 1996 and 2002

	Private Households	Private Household Pop.	Ave. Size	House Completions ¹	
1996	19150	61399	3.21	1996/2002	7093
2002	23360	69606	2.98		
Change 96/02	4210	8207	1.95		

(April 1996 19150, plus ¾ of 1996, plus 1997-01 and ¼ of 2002)
i.e. (527, 929, 1105, 1140, 1578, 1517, 297) = (7093)

The number of households increased by 4210 according to the Census of Population between April 1996 and April 2006. However, total house completions between the same dates grew by 7093 in Westmeath. It is likely that some of the existing housing stock would be retired but this should be a relatively small proportion. Overall there is a substantial difference between the Census determined measure of household change and the number of house completions. It is also apparent that the average household size of the new entrants to the household cohort has substantially lower average size than the existing population.

The 1996/02 experience mirrors that of the 2002/06 period in that the population change was 8207 while the additional house completions were 7093.

It is beyond the scope of this report to identify the reasons for the completions/census households differences or to identify the true average household size. It does deserve further investigation. However, the differences have to be taken into account when forecasting housing needs of a given population change.

Table 2.9 Composition of Population Change: Westmeath 1991-2006

	Pop. Change	Natural Increase	Migration
1991/96	1434	1893	-459
1996/02	8713	2655	6058
2002/06	7545	2684	4861

In the 1991/96 period there was net outward migration from Westmeath. In the 1996/02 period net inward migration was 6058 or 1010 persons per year. This migration continued in the four year period of 2002/06 at 1215 persons per year. Between 1991 and 2006 the county's population rose by 17523. About 60% of this was due to inward migration. In 1996/02 inward migration was responsible for 69.5% of the population increase. In the 02/06 period the share was 64.4%.

Westmeath's share of total Midlands migration has declined since 1996.

Table 2.10 Westmeath's share of regional migration

	Midlands Pop Change	Natural Increase	Migration	Westmeath share of migration %
1996/02	20046	7317	12729	47.6
2002/06	26017	7827	18190	26.7

Inward migration in the Midlands increased from 12729 in 96/02 to 18190 in 02/06. The Westmeath share of migration declined from 47.6% to 26.7%. The county migration patterns are shown below

Table 2.11 County Migration levels in Midlands 1996-06 (Pers)

	96/02	02/06
Laoighis	3882	5938
Longford	342	2476
Offaly	2447	4915
Westmeath	6058	4861
Total	12729	18190

In 1991 Westmeath accounted for 30.5% of the Midlands population. The share grew slightly to 30.8% in 1996 and grew to 31.9% in 2002. In 2006 it declined slightly to 31.6%.

3. CSO Regional Population Projections (May2005)

The latest official regional population projections were published in May 2005 and cover the period to 2021. Projections are presented for two international migration assumptions (M1 high and M2 low) and two fertility assumptions (F1high and F2 low). There are three internal migration assumptions; recent, the 2002 census pattern is assumed up to 2011 and the average of 2002 and 1996 is used thereafter; medium, a moderation of 2002 pattern in the short term and traditional, the 1996 pattern re-emerging in the medium term. Five yearly projections are presented for the M1F2 and M2F2 variants and for the three internal migration patterns.

The range of 2006 projections is 247k TO 243k. As already noted the actual 2006 Midlands population was 251K in 2006. The 2006 actual population is 1.6% above the “recent” projection and 3.3% above the “medium” projection.

The range of five yearly projections and the actual 2001 and 2006 levels are shown in Table 3.1. The projected 2021 Midlands population ranges between 261K (M1F2 traditional) and 322K (M1F2 recent). The CSO discussion mainly focuses on the M1F2 medium variant of 296K in 2021.

Table 3.1 CSO Midlands Pop. Projections - 5 yearly intervals

	M1F2				M2F2		
	R	M	T		R	M	T
2001 (Actual)	220	220	220		220	220	220
2006 (Actual)	251	251	251		251	251	251
2006	247	243	243		247	243	243
2011	275	262	257		273	260	255
2016	302	280	266		295	274	260
2021	322	296	271		312	286	261

These projections do not incorporate the impact of building up the population of the gateway in the Midlands. Of course part of this projected population increase would be located in the gateway and would contribute to its required population increase.

The Midlands population change between 2002 and 2021 is examined below.

Table 3.2 Sources of Population Change 02/21 Midlands

Pop 2002 Pers.	Natural Increase	Migration	Pop 2021	Increase	Annual Increase	% Increase
225	37	33	296	70	3.7	31.6

If Westmeath retained its 2002 population share its population would be 94K in 2021. If the 2006 share was retained it would be 93K. Between 2002 and 2006 Westmeath had 27% of the migration. Assuming a continuation of this share Westmeaths migration would be 8900. On the same basis the natural increase impact would be 12700. This would result in an increase of 21600 relative to 2002 and a 2021 population of 93K. Based on the CSO regional projections and excluding the impact of required population growth for the Gateway the Westmeath population in 2021 would be 94K. The five yearly populations are shown below. The "adjusted" column refers to the Westmeath component of the CSO regional projections being increased by the ratio of the 2006 actual to 2006 projection. 2006 actual exceeded the 2006 projection

Table 3.3 Population Projections Westmeath and Midlands

	Midlands	Westmeath	Westmeath Adjusted
2002(actual)	225	72	
2006(actual)	251	79	79
2006(projected)	243	76	79
2011	262	83	86
2016	280	89	92
2021	296	94	97

Based on the CSO M1F2 medium population projection which excludes any provision for the growth of the Midlands Gateway to the required Gateway scale, the Westmeath population will increase from 79K in 2006 to 86K in 2011, 92K in 2016 and 97K in 2021. The 2014 population would be 90K persons based on a continuation of the regional growth pattern projected by the CSO for 2006 to 2011 or 89K if evenly spread through the period. The 2020 population will be 96k. This projection excludes provision for the gateway population growth, which is dealt with below.

4. Regional Planning Guidelines: Population Projections

The regional guidelines and associated population projections were adopted in May 2004. Draft guidelines were published in Feb 04. Most of the demographic projection work was done in 2003 before the publication of the 2005 CSO projections. The regional authority, in consultation with the CSO and Dept of the Environment, Heritage and Local Government

adjusted the 2001 projections to take account of three internal migration variants recent, medium and traditional. The medium variant was adopted in the guidelines. This projected a Midlands population of 250K in 2020. As already noted the actual population in 2006 was 251K. The 2021 medium projection based on the 2005 CSO projections is 296K or about 293K in 2020. Current estimates and projections of population growth greatly exceed the expectations of the regional guidelines.

The guidelines refer to three components of the population growth, the “normal” projections (pop 250K), the gateway impact (50K increase) and a contingency 25K. This is a total of 325K in 2020.

Using the same methodology the currently estimated components would be 293K (projections), contingency of around 25K and gateway (45K, allowing for 4500 persons growth already occurred between 2002 and 2006, or 50K if one assumes that the 02/06 growth was part of the general regional change and not yet part of the gateway growth). This gives a 2020 expected Midlands population of 363K or 368K instead of 325K. It could be argued that the latest population projections can be associated with a lower contingency because they already embody higher growth. If a figure of 15K is used the projected population is 353K to 358K instead of the 325K used in the guidelines. This, of course, has knock on effects on the Westmeath expectation.

Table 4.1 Regional Projections Population 2020(K persons)

	Regional Guidelines	Own Estimates
Projection	250	293
Gateway	+50	+45 or 50
Contingency	25	+15
Total	325	353 or 358

The previous section referred to Westmeath population projections in the absence of specific provision for the Gateway and in the absence of the contingency allowance. The impact of the gateway growth is examined in the next section.

5. Populations Implications of Gateway

The Midlands gateway is composed of Tullamore, Athlone and Mullingar. In 2002 these towns and their environs as defined in the Indecon report had a population of 41K. The regional guidelines referred to an additional 50K population. In addition it is probable that part of the projected increase excluding the NSS gateway implications would have located in the three towns. Consequently the overall 2020 population would be about 100K in the Gateway. However, the Indecon report, which does not have official status, argued that the three towns

would each have to move into the 25,000-50,000 category. It did not give a time frame for this. At the top end of the size scale the gateway population would be 150,000 and at the lower end 75,000. A midway range would imply a population of 112.5K which is a little above the regional guidelines expectations.

Going for the higher gateway size would imply a redirection of additional population from other areas in the region to the gateway or aiming for an even larger regional population growth. The latter would require a fundamental policy reappraisal and the former runs counter to the regional guidelines. Consequently in estimating the regional gateway implications for Westmeaths population the guidelines figure of an additional 50K relative to the existing 2006 population level of 45K is used. We assume that the three towns are expected to be of equal size at the end of the period. This effectively assumes that the 02/06 growths in the three towns is not to be included in the gateway specific growth in population. The definition of "town" has implications for population projections relating to the gateway impact. The objective is to attain a certain urban size. The required growth depends on the current level of population. For example the 2002 Census of Population identified Athlone Urban district as having a population of 7354 persons. Athlone and environs had a population of 15936, comprised of 7354 in the urban district, 6956 in Westmeath environs and 1626 in Roscommon environs of Athlone Town. Clearly if Athlone has to grow to a population of 32K the required growth is 25K if the base is Athlone Urban area and 16K if the environs are included. The Indecon report identifies the following 2006 gateway populations.

The populations of the formal definition of "towns and environs" is not yet available from the 2006 CP. Indecon used its own definitions for the three towns in the 2006 report. Mullingar is defined as Mullingar urban and rural electoral divisions. The 2002 population of this area was 15836 while the formal Mullingar and environs was 15621. Tullamore is defined as the rural and urban divisions with a 2002 population of 11266. The formal town and environs level in 2002 was 11098. In the case of both of these towns the two different definitions produce broadly the same populations. There are significant differences in the Athlone definition. According to the Indecon definition the Athlone population in 2002 was 13787 (page 13 of volume 2). This is comprised of the two Athlone urban divisions and the Athlone East rural division. The formal 2002 CP Athlone and environs population was 15936 because the Roscommon part of the Athlone's environs was included. Because of growth in this location and including part of Moydrum the likely Athlone environs population in 2006 is greater than 18,000 and not 13800 as used in the Indecon report. The impact of these different definitions on Westmeaths population projections is shown below.

6. Population Projections for Westmeath

The projections are based on

- (a) The CSO regional projections, medium M1F2 variant (excluding the NSS gateway impact)
- (b) The estimated Westmeath share of the three town gateway
- (c) Inclusion of the contingency provision of the guidelines

As already noted (a) results in a population of 96K in 2020 and 90K in 2014.. Part of this increase will be in the two Westmeath gateway towns and the gateway growth is in addition to this.

As regards (b) the three towns are expected to increase by 50K in addition to the overall projections. There are no detailed plans as to how the three towns would be divided as regards the 50K. On the Indecon definition Mullingar is already larger than the other two. There are specific planning issues with regard to each. For purposes of these estimates it has been assumed that each town will be equal in size in 2020, approximately 32K on the Indecon measure of Athlone and 33.3k on the broader definition of Athlone. The figures in brackets in table 6.1 refer to the broader definition of Athlone and the other figures refer to the Indecon measure of Athlone.

Table 6.1 Population Growth in Athlone & Mullingar

	2006	2020	Increase
	K persons		
Athlone	13.8 (18.2)	32 (33.3)	18 (15)
Mullingar	18.5 (18.5)	32 (33.3)	14 (15)
Total	32.3 (36.7)	64 (67)	32 (30)

The Gateway impact on Westmeath, in addition to the overall (non NSS) projections is an additional 28K (allowing for some of the Athlone growth to be included in Roscommon) to 32K. Part of the Athlone growth could be located on the Roscommon side of the environs. If so the Westmeath growth relating to Athlone would be about 13K instead of 15K. The contingency increase of 15K (following the regional guidelines) is divided on the basis of the Westmeath share of the 2020 Midlands population, which results in an additional Westmeath population of 5.4K. The final recommended 2020 population guideline for Westmeath is 96K (non gateway projections) + 28 to 32K (gateway) + 5.4K (regional guidelines contingency) = 129K to 133K. This represents a very dramatic growth in population from the current level of 79.4K. The phasing of the growth depends on the speed of implementation of the gateway. In the projections referred to below it has been assumed that the gateway growth and contingency growth are equally phased throughout the period to 2020. The other growth

follows the CSO pattern. The following pattern emerges. For the development plan period ending 2014 the population will be between 109K and 111K and in 2020 it will be 129K to 133K. Excluding the gateway impact the Westmeath population will grow from 79K to 90K persons in 2014. The gateway growth will add between 16K and 18K persons. The contingency adds 3K persons to the 2014 population. This results in a population of between 111K and 109K persons. If the high gateway growth plus RPG contingency provision methodology is used it is recommended that the development plan population guideline for 2014 should be 110K persons.

Clearly, these projections are based on assumptions. The most contentious assumptions are those relating to the gateway growth. These assume a gradual growth over the plan period and onto 2020. It could be decided to adopt a different growth schedule, either shorter or longer. A faster growth path may be unlikely as the Forfas gateway investment priorities report concluded that the midlands gateway is the most challenging of all the gateways and that full development may take considerable time. It could be decided to divide the growth between the three towns on a different basis than used in the projections. It could also be decided to follow a lower gateway growth strategy. These are important policy issues and will affect the population outturn.

Table 6.2 Westmeath Population 2006-2020 (K)(based on high growth and RPG contingency)

2006	2011	2014	2016	2020
79.4	99- 98	111-109	117- 115	133- 129

The Department of the Environment, Heritage and Local Government (DEHLG) has recently published a set of regional population projections to 2020. The aggregate of the regional projections are consistent with the national population projection. The projections reflect the requirements of the NSS. They include provision for gateway growth. Unlike the Midlands RPG there is no provision for additional growth as a risk contingency. The precise growth allocated for the gateway provision in the Midlands is not identified. Its methodology is to assume a growth in the Midlands share of the national population over the period to 2020. The projected population for the Midlands is 333k persons. This compares to the projection earlier in the report of 353K to 358K persons. The latter projection includes 15K for the risk contingency as followed in the RPG projections. The exclusion of this factor reduces the projections derived in this report to 338K-343K persons. Our projections assumed 45-50K for the additional gateway growth. The DEHLG projections appear to assume a lower gateway growth of approximately 35K to 40K. It is necessary to identify the latter figure to arrive at the gateway growth implications for the Westmeath population growth.

Excluding the assumed gateway growth of 40k and assuming a constant non-gateway share of regional population the Westmeath projection for 2020 would be about 93K. On the assumption of 70% of the gateway growth going to Westmeath (excluding some provision for the Roscommon side of Athlone) there would be another 27K giving a full projection for 2020 of 120K. On the assumption of 35K allocated to the gateway growth the population would be about 118K in 2020. If the full period growth was achieved evenly over the period the 2014 level would be 103K. In terms of the development plan the choice of population projection is between the higher gateway growth/additional contingency projection or the lower DEHLG projection. The latter has particular merit as it will partly influences financing decisions by central government and along with other regional projections it is consistent with the national projection, it also represents the latest official estimate of sub-national population projections. For these reasons it would be best to base the plan on the official DEHLG lower projections. To avoid specific short-term possible capacity constraints due to the high growth envisaged the 2014 population base could be lowered to 100K. Overall, therefore in light of DEHLG projections the levels should be 100K in 2014 and 120K in 2020. A more ambitious growth target for the Westmeath gateway would require higher population targets.

7. Housing Demand from Population Projections

The housing strategy covers the period 2008 to 2014. The population will grow from 79.4K in 2006 to 100K in 2014, an increase of 20.6K on the DEHLG projections and to 110K on the higher growth projections. Household formation on both projections are shown below. The demand for new housing depends on the average size of household. As already noted the previous household sizes were (1996) 3.21 (2002) (2.98) and (estimated 2006) 2.56. We have assumed a gradual decline up to 2011 to 2.30 and constant size thereafter.

Table 7.1 New Household Requirements 2006/2014 HIGH GROWTH and (DEHLG GROWTH)

	Pop(k).	Avg. Size	Households(k)	Change(k)
1996	63.3	3.21	19.7	
2002	71.9	2.98	24.1	
2006	79.4	2.56	31.0	
2007	83.2(82.0)	2.50	33.3(32.8)	2.3(1.8)
2008	87.0(84.6)	2.46	35.4(34.4)	2.2(1.6)
2009	90.8(87.2)	2.40	37.8(36.3)	2.4(1.9)
2010	94.6(89.8)	2.36	40.1(38.1)	2.3(1.8)
2011	98.4(92.4)	2.30	42.8(40.2)	2.7(2.1)
2012	102.2(95.0)	2.30	44.4(41.3)	1.6(1.1)
2013	106.0(97.6)	2.30	46.1(42.4)	1.7(1.1)

2014	109.8(100.2)	2.30	47.7(43.6)	1.6(1.2)
Change 07/14		16,800 new households on high growth scenario 12,600 new households on 100k pop.scenario		

The number of new houses is very dependent on the size of households. For example, in 2008 on the high growth scenario an average size of 3 persons creates a demand for 28.9K houses compared to 35.2K on the assumption of a household size of 2.46 persons.

Based on the DEHLG projections and the 100K population in 2014 there will be an increase of 12600 households between 2007 and 2014.

8. **Assessment of Affordability**

The estimates for affordable housing are based on the methodology recommended by the Dept. of the Environment, Heritage and Local Government. The approach is to use the data on income distribution available from the Household Budget Survey. It is assumed that the Westmeath distribution of household income is the same as the national situation. There are grounds for assuming that Westmeath would have a smaller number of high earners than nationally but this is not taken into account. It would not distort the estimates because the affordability problem arises at the lower end of the income scale. The level of income in each cohort is adjusted by the ratio of Westmeath to national disposable income. This distribution of income is then related to the cost of houses and an affordability problem is defined as having to spend more than 35% of income on housing costs. The affordability estimate is dependent on interest rates, the loan to value ratio and the price of houses.

As the aim is to identify future affordability levels there is a substantial element of forecasting of variables such as income growth, interest rates and house prices. In addition it is assumed that the existing income distribution continues into the future. It is also assumed that the "new" population has the same income distribution as the existing population. This is not likely to be the case as the new population, for example, would probably have fewer pensioners than the existing population. The exercise assumes an interest rate of 5% and average house price growth at 5% over the 2008-2014 period. It is assumed that house purchasers operate on a 30 year 95% mortgage. Since the previous housing strategy analysis interest rates have increased, the length of mortgage has risen and the loan to value ratio has also risen.

The distribution of income for 2008 was derived as follows. The details are in table 8.1.

The national 2000 (the latest available) income distribution was identified and converted to euros. The levels in each category was updated to 2005 using the variable, gross national disposable income per capita. This was converted to per capita disposable income by the ratio of the two variables for 2000/03 (from the County Incomes data). This personal disposable income per capita grew by 42% between 2000 and 2005. Similar data is not available for 2005 to 2008. The 2008 incomes were derived by assuming an increase of 18% in personal disposable income based on ESRI earnings and GNP per head projections from their medium term economic review. This was adjusted by the ratio of state personal disposable income to Westmeath (available for 2003). This gives the 2008 levels of income in each decile of the population in Westmeath. The affordability is based on these income levels. The 35% of income is the limit for mortgage payments. This determines what can be borrowed, at 5% for 30 years and on a 95% loan/value ratio determines the price of house affordable.

Even without detailed analysis it is clear that there is a major affordability problem on these figures. All aspects of the assumptions in the analysis are robust except the assumption that the distribution of incomes of “new population” is the same as the current population. 30% of households could afford a house at or less than €120K. As shown below only 3.6% of new houses are available at €177K or less. A further 38% of new houses are between 177K and 236K. Over 30% of new households could not afford these prices.

Table 8.1 Estimation of Income Distribution in Westmeath 2008

Decile	99/00 Weekly Avg Household Disposable Income	Update to 05 Coeff (1.42)	Update to 08 (Coeff 1.18)	Adjust to Westmeath 0.97	Yearly	Max Mort 35%	Payments Monthly	Mort. level	House price
1	106.26	150.89	178	173	8996	3149	262	49	52
2	174.46	247.73	293	284	14768	5169	431	80	84
3	249.48	354.26	418	405	21060	7371	614	114	120
4	331.77	471.11	556	539	28028	9810	818	152	160
5	423.09	600.79	709	688	35776	12522	1044	193	203
6	515.84	732.49	864	838	43576	15252	1271	236	248
7	617.74	877.19	1035	1004	52208	18273	1523	283	298
8	743.60	1055.91	1246	1209	62868	22004	1834	341	359
9	925.72	1314.52	1552	1505	78260	27391	2283	425	447
10	1429.03	2029.22	2394	2322	120774	42271	3523	656	691

The distribution of house prices in Westmeath for 2005 is shown below (table 8.2).

Table 8.2 Prices of New Houses in Westmeath 2005 (includes apartments)

	Up to	150 to	200 to	250 to	300 to	Over
€K	150	200	250	300	350	350
%	3.6	38.1	29.0	16.0	5.6	7.7

Between 2005 and 2008 prices are expected to increase by 18%. This shifts the price bands as shown below. The distribution is assumed to be the same.

Table 8.3 Estimated Prices of New Houses and Apartments in Westmeath 2008
(DEHLG POPULATION)

	Up to	177 to	236 to	295 to	354 to	Over
€K	177	236	295	354	413	413
%	3.6	38.1	29.0	16.0	5.6	7.7
Number of houses	58	610	464	256	90	123

30% of households can afford a house up to 120K. We will assume the “up to 177K” houses refer to €160K. Another 10% of households can afford €160K but there are only 58 such houses leaving another 102 with affordability problems. The total affordability households are (160 + 160 + 160 + 102) 582. The fifth decile is able to afford houses in the 177-236 category. The other deciles are all able to afford houses. The per cent with affordability problems is 36.4% in 2008. On the assumption of 5% annual increases in both house prices and household incomes the share of new households with affordability problems was also 36.4% in 2014. The average over the period is 36%.

The methodology used is the one recommended for housing strategies. As referred to earlier “new” population may have a better income distribution at the lower end. A minimum wage job would generate a gross income of almost €16K. A household with even 1 ½ minimum wage jobs would generate a gross income of €24K. There would of course be some unemployed and other transfer recipients in the new population. A hypothetical income distribution at the lower end could be :

Decile 1	8996
Decile 2	21060
Decile 3	28028
Decile 4	35776

The second lowest decile is removed from the earlier estimated income distribution.

Deciles 1&2 could not afford a house. 141 of decile 3 could not afford a house. All of decile 4 could afford a house. On this hypothetical distribution of the new population the affordability share is 26.4%. It is possible that this is a closer distribution to the actual “new” population but it is not the recommended methodology. The point to note is that even with a substantially better income distribution in the “new” population the affordability share is still well above the 20% level, at 26.4%.

We briefly assess the impact of lower interest rates or lower loan to value ratios. Decile 3 has a maximum mortgage capability of €114K based on a 5% interest rate. If the interest rate was 4% the income could support a loan of €128K instead of €114K. If the loan to value ratio was 90% instead of 95% the mortgage would support a house price of €142K instead of €120K. This would not affect the affordability share conclusion already based on the 5% interest rate.

The data for house prices distribution refers to houses and apartments. Apartments are cheaper than equivalent houses. Excluding the large cities in 2005 apartments were 8% cheaper than houses on average. They are also concentrated at the lower end of the price distribution. In Westmeath in 2005 5.6% of apartments and 3.4% of houses were below €150K. 38% of houses and 52% of apartments were in the € 150K-200K price range. In the future the lower priced apartments could have a larger share of house completions in Westmeath. However the income levels are so low in the Westmeath case that even if the apartments share increased over the plan period it would not have a material effect on the affordability estimate. 30% of the new home seekers in 2008 will not be able to afford a property of even 120k euro. There are not many apartments at that price. At best the affordability shares might drop by 2 percentage points to 34% or, on the adjusted income distribution, to 24%

Affordability refers to the difficulty of purchasing a house/apartment at market rates. Houses can be purchased at an “affordable” below market price through the scheme.. However, many with market related affordability difficulties will also find it difficult to meet the purchase requirements of affordability scheme and will need access to rented accommodation. This can be provided by the private sector, by local authorities and other housing bodies and associations. It is likely that the demand for rented accommodation will rise over the plan period. This will be determined by the expected affordability problems and by the nature of

part of the population growth. Part of the population growth will be from inward international migration part of which will not seek to establish permanent links with Westmeath and Ireland.

Between 1991 and 2002 private rented accommodation increased greatly in Westmeath. It is likely that this has continued up to the present and will continue into the future. The details of occupancy status are shown below. 2006 details from the 2006 census of population are not yet available.

Table 8.4 Occupancy Status Westmeath 1991 to 2002

	Total	Owner with Mort.	Owner No Mort	Being purchased from LA	Rented LA	Rented Private Unfurn.	Rented Private Unfurn./ Part furn.	Free	Not stated
1991	17,333	6406	7124	1078	916	273	876	431	229
2002	23,160	9441	8285	651	1051	477	2021	390	744
Change	5827	3035	1261	-427	135	204	1145	-41	515
% Change	33.6	47.4	17.7	-39.6	14.7	74.7	130.7	-9.5	224.9

Rented accommodation was 2065 units or 11.9% in 1991. By 2002 this had risen to 3549 units or 15.3% in 2002. Rented accommodation was 25% of the net increase in households between 1991 and 2002 in Westmeath. The affordability and migration pattern would suggest that this has risen since 2002 and is likely to continuing rising over the period of the plan to 2014. Within rented accommodation most of the growth has been in the private rented sector. On the assumption that 28% of the increase in households in the period to 2014 will be needed for rent there will be a need for 3920 new units for renting.

9. Policy Issues

The analysis has identified substantial population growth over the long-term in Westmeath. This is mainly due to the development of the Athlone and Mullingar towns to achieve “gateway” levels of population. There are two projected population calculations; one is based on own assumptions, regional planning guidelines and the latest CSO regional population projections. The updated CSO regional projections suggest that there is a need to revise the regional guidelines population projections ahead of the formal six-year reviews. The second is based on the recently completed DEHLG projections. These result in lower population levels than the first projections. Given that these are the latest official and nationally consistent projections it is more appropriate to base the county planning on them.

The populations are critically influenced by assumptions about the distribution of the projected gateway population between Tullamore and the two Westmeath towns. It is an important policy issue to formally identify the detailed profile, size and role of the three elements of the Midlands gateway. Such a policy clarification may lead to revisions in the population projections presented in this report.

A significant determinant of the housing implications of the projected population is the average household size.

Data on this issue is limited. It is suggested that the household size indicator should be monitored on an ongoing basis annually to ensure that land availability and permissions are appropriate throughout the period of the plan.

The report identified the scale of Westmeaths population growth up to 2021. Apart from the two gateway towns the location of these additional people and households was not identified. This is necessary before conclusions can be made about the amount and location of zoned lands, the supply part of the housing strategy. The permissions strategy should complement the gateway and other settlement strategy.

The report assumed a gradual phasing of the full period growth. A policy of accelerating the growth of the gateway would frontload the population increase. Such an approach should only be attempted if there is reasonable certainty about the infrastructural, management and administrative resources to support it. Even on the phased basis the growth implications are very demanding.

Between 1996 and 2002 Westmeath's population grew by 1424 persons per year. Between 2002 and 2006 the increase was 1886 persons per year. Between 2006 and 2014 the increase will be 2575 persons per year. The bulk of the increase will be inward migration from both domestic and international locations. Most of the growth will come from the gateway population increase. Of the increase of 40600 persons between 2006 and 2020 the large majority will be from inward migration. This should be borne in mind when considering development strategy and overall economic and social policy in the county. The 2014 population in Westmeath will be at least 100K persons. The 2020 population will be at least 120K persons. This compares with a current population of 79.4K.

The report concludes that a total of 10800 new housing units will be required between 2008 and 2014 and that a substantial portion (36%) of these will have affordability problems. Most of the population increase and new houses will be in the gateway of Athlone and Mullingar. Section V and other social housing provision will continue to be of significance for Westmeath

over the period of the next housing strategy. There will also be a large and growing demand for rented accommodation, as even the affordability scheme will not enable all accommodation seekers to purchase. The nature of part of the population growth will also dictate that a large supply of rented accommodation will be required.

The methodology, which is recommended, by the Dept/Environment, Heritage and Local Government was used in the estimation of affordable housing issues. Of particular consequence in this methodology is that the income distribution of the “new” population will mirror that of the existing population (as identified in the 1999/00 Household Budget Survey). These data show that 30% of the household population have a household disposable income of under €21,100. There is the main determinant of the affordable problem. Affordability is much less of a problem at the 35K level of disposable income. If the “new” population tends not to be focused on the low-income end the affordability issue will not be as severe. As of now however, it is a serious problem. We recommend that income levels should be monitored on a two yearly basis over the plan.

The legislative provisions allow local authorities to take payment-in-kind or financial contributions in lieu of the direct 20% of units in each housing scheme. It is recommended that this approach should be continued as it increases flexibility in providing social and affordable housing in terms of optimal locations, types of housing, social/community contexts and work- travel patterns.

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- Regional population projections 2007

Economic and Social Research Institute Medium Term Economic Review 2005

Forfas Implementing the NSS- Gateway Investment Priorities Study 2006

Indecon International Economic Consultants et al Strategic Development Framework For the Midlands Gateway Sept 2006

Midlands Regional Authority Regional Planning Guidelines May 2004

Westmeath County Council - Westmeath Development Plan 2002

- Housing Strategy for County Westmeath 2002

APPENDIX 8.2.4 EXTRACTS FROM INDECON REPORT

The Indecon report presents a strategic development framework for the linked Midlands Gateway. The proposed strategy is intended to provide the basis for the development of a world-class, knowledge-based and competitive Gateway. The strategy is designed to create an integrated, linked Gateway comprising Athlone, Tullamore and Mullingar together with the other towns in the region to realise its potential as an internationally competitive gateway.

The analysis in this report highlighted the following challenges in particular;

- The absence of a critical mass of population, employment and infrastructure in the Gateway,
- The extremely low levels of value-added and productivity in the existing manufacturing base in the region, which leaves the Gateway vulnerable to significant further job losses,
- The persistence of socio-economic barriers, including noticeably higher unemployment, lower educational attainment, and social deprivation/exclusion in certain areas in the Midlands counties,
- The failure of the region to capture a higher share of tourism activity and to develop higher value tourism product areas.

The absence of a strong, identifiable 'brand' for the Midlands Gateway, which gives the Gateway and surrounding region strong visibility as an attractive location for living and working.

One of the key recommendations of the report is that the focus of development must be on knowledge-based enterprise and innovation activities, which capitalise on strong linkages between industry and high quality 3rd and 4th level sectors in the region.

The NSS provides a significant reference point, which has identified the towns of Athlone, Tullamore and Mullingar as a 'linked gateway'. The spatial policies, objectives and concepts contained within the NSS specifically inform the Gateway's spatial strategy. The NSS has identified areas that will enhance regional performance, these being strategically placed engines of growth or 'gateways', whose location and scale support the achievement of the type of critical mass necessary to sustain strong levels of job growth in the regions. If successfully implemented, these will create the conditions necessary to drive economic growth and contribute to more balanced patterns of development. Other towns, villages and rural areas will directly and/or indirectly benefit from the effective development of the Midlands Gateway.

Improving Infrastructure & Connectivity

Strategic recommendations made in the consultants report in relation to infrastructure in the Midlands are as follows;

- The proposed infrastructure priority projects recommended takes account of our assessment that the routes of critical importance to the Gateway in terms of significantly enhancing internal and external linkages are the N4, N6, N52, N80, N55 and N77,
- For the Midlands Gateway to attain maximum benefit from the above national road network improvements it is critical that additional necessary road improvements are undertaken, which will ensure direct access for the Gateway to the national inter-urban motorways,
- It will also be important that substantial inner relief road networks are developed to accommodate the traffic which will arise from the type of urban growth envisaged.

The specific recommendations for action are presented below;

Specific Actions for Implementation: Improving Infrastructure and Connectivity

Action (1): Immediate Priority completion by NRA of All Specific Road Investments for Gateway included in Transport 21.

Action (2): Investment by NRA in a small number of important additional road investments as outlined below;

Proposed Key Immediate and Medium Term Priority Road Upgrade Projects.

<u>Proposed Project</u>	<u>Immediate Priority 2006- 2010</u>	<u>Medium Term Priority Post 2010</u>
Portlaoise / Tullamore (N80)	√	
Mullingar / Ardee (N52)	√	
Athlone / Cavan (N55) & Athlone/ Roscrea (N62)		√
Durrow / Kilkenny (N77)	√	

The implementation of these priority projects, together with the completion of the inter-urban motorways and the other national road upgrades/improvements, will establish direct linkages to the urban centres of Dublin, Galway, Limerick, Cork and Waterford, and therefore also to their ports and airports.

The investment in strategic non-national roads and social infrastructure also represent immediate priorities over the period 2006 – 2010 although investments in these areas will be needed post 2010 to accommodate the targeted population increases.

Addressing the Productivity Gap

If the Midlands Gateway and surrounding region is to attain critical mass and achieve economic prosperity, the spatial development framework and infrastructural investments, set out above, must be supported by an effective strategy to develop a dynamic enterprise sector within the Gateway.

If the Midlands Gateway towns are to successfully develop their economic bases, there must be a clear focus on the development of higher value-added industrial and internationally traded activities, which build on the existing strengths and emerging sectoral industrial clusters within each of the towns. The strategy will involve targeting by the development agencies, development of closer linkages between the third and fourth level educational sectors, and implementation of measures to enhance educational levels and the skills base.

Strategic Recommendations: Addressing the Productivity Gap

- Development agencies to promote development of foreign-owned and indigenous sector higher value-added, knowledge-based industry. Internationally traded activities are also needed.
- Priority is given to targeting the development of activities which capitalise on the existing and emerging strengths in each of the Gateway towns.

Specific Actions for Implementation: Addressing the Productivity Gap

Action (1) IDA Ireland and Enterprise Ireland give priority to offering incentives and supporting private enterprises to invest in higher productivity and higher value activities in the Midlands.

Action (2) Priority to be given by IDA Ireland and Enterprise Ireland to developing and expanding sectoral cluster as follows;

In Athlone

- A. ICT – related activities
- B. Pharmaceutical and related activities
- C. Education

In Tullamore

- A. Medical devices / Medical services
- B. Other Medtech

C. Consumer Foods

In Mullingar

- A. Engineering
- B. Consumer Products
- C. Financial Services

The specific sectoral clusters recommended are based on the consultant's detailed analysis of the existing internationally traded strengths of the three main towns and the pattern of existing industrial and services activities and support infrastructure. While these are suggested as priority areas, other suitable activities should also be promoted. These activities are by no means bounded and other high value added projects should also be pursued.

The development of a knowledge-based economy involving the attraction of new value-added activities and the expansion of such existing firms is in many ways the most urgent and important challenge for the Midlands and significant action is needed over the period 2006 – 2010.

Upgrading Third & Fourth Level Educational & Research Infrastructure

In the paragraph below strategic recommendations for addressing the productivity gap in relation to the development of the third and fourth level education and research sector in the Midlands Gateway towns and surrounding region are set out. This highlights the importance of ensuring that the Athlone Institute of Technology (AIT) and other third level institutions in the region move up the value chain in relation to the provision of undergraduate and postgraduate courses, while also developing a world-class research capability in areas that are aligned with and build on the region sectoral industrial strengths.

Strategic Recommendations for Education & Research Infrastructure

- The Government and its agencies to ensure that the Midlands secure an adequate share of Government expenditure of €3.8 billion to 2013 announced in the new science strategy.
- Athlone Institute of Technology and other third-level institutions in the Midland to continue to move up value-chain in developing world-class undergraduate and post graduate course that are aligned with the skills needs and R&D activities of targeted industry sectors.
- AIT to continue to develop capabilities and reputation in research activities which are aligned with existing and emerging sectoral strengths in the region and which maximise scope for collaborative linkages with other institutions and industry including with Georgia Tech Research Institute (GTRI).

The Consultants Report highlights the specific actions recommended for implementation to upgrade third and fourth level educational and research infrastructure and to develop closer linkages between the third and fourth level sectors and industry in the Midlands Gateway. The specific actions will require support for higher education research infrastructure including buildings and equipment, enterprise support and research and commercialisation programmes and for measures to enhance educational attainment which are discussed later in this section.

Specific Actions for Implementation: Upgrading Education & Research Infrastructure

Action (1) AIT in conjunction with other 3rd/4th level institutions in Ireland and internationally to formulate high quality proposals to develop and enhance world class research facilities. This should include the attraction of key personnel / talents and infrastructural supports.

Action (2) AIT to specifically develop and expand research capabilities in the following areas;

- (a) Medtec
- (b) Paramedical
- (c) Health / Life Sciences
- (d) ICT – related research

It is proposed that action is taken in the above areas within the period 2006 – 2010 and this should be facilitated by the new funding available in the Government's recently announced new science strategy.

Enhancing Educational Attainment & Skills Base

A specific challenge facing the Midlands Gateway and surrounding region concerns the education and skills base within the region. In particular, analysis of educational attainment has highlighted the relatively low levels of progression among the resident populations of the Midlands counties to upper secondary level and third level education. This is a critical weakness facing the Midlands and one which must be addressed if the region is to attract investment and achieve economic prosperity. The consultants purposed range of strategic recommendations designed to boost educational attainment to third level and ensure that the Midlands Gateway and surrounding region can compete successfully with other regions in relation to its skills base as follows;

Strategic Recommendations for Enhancing Educational Attainment & Skills

- A series of initiatives to be undertaken to enhance education attainment in the Midlands,
- Continued promotion and development of 3rd level 'Outreach' programmes to improve awareness and value of 3rd level education,
- Greater focus to be given to provision of supports to further education colleges to develop courses in non-traditional subject areas, including mentored and distance learning courses targeted at excluded groups.

The figure below sets out key specific actions that need to be implemented to support recommendations in relation to enhancing the level of educational attainment and the skills base in the Midlands Gateway. Significant progress on this is essential over the period 2006 – 2010 but this will be a long-term challenge and on-going initiatives post 2010 will be required.

Specific Actions for Implementation: Enhancing Educational Attainment & Skills

Action (1) AIT to target increased resources at development of 'outreach' programmes and initiatives targeted at 2nd level students and socially excluded groups, to highlight potential entry to and benefits of 3rd level education and training in the region.

Action (2) Westmeath and Offaly VEC to form strategic linkages with AIT in development of initiatives to boost progression of 2nd level students into 3rd level education.

Action (3) VEC's, AIT and other educational & training institutions to form closer linkages in the Midlands region and to work with State agencies including FAS to develop Further Education and Training Awards Council (FETAC) and other courses and to set regional targets for progression of students into 3rd level.

Development of Tourism Sector

The tourism and leisure sector has failed to fully develop in the Midlands. In a review of the existing position of the Midlands Gateway and surrounding region the Consultants Report highlights the very low proportion of overseas tourism visits and associated revenues generated in the Midlands counties. Analysis and survey research undertaken amongst the general Irish public also highlighted some deficiencies in relation to the tourism product and the relative paucity of high quality accommodation facilities in the region as well as the image of the region. A number of specific measures required as a priority if the Midlands Gateway and surrounding region is to fully exploit its natural and positional advantages as a destination for holidaymakers and business visitors, are set out below.

Strategic Recommendations for Development of Tourism

Key elements of strategy to include;

- Tourism strategy for ATM and Midlands region to place increased focus on developing and promoting the region as a high quality, short-stay destination for domestic visitors,
- Tourism agencies to develop and promote special interest activities which capitalise on specific strengths of Midlands region, particularly water-based sports within the Shannon waterway catchments including cruising, sailing, angling, monastic, historical, walking and other activities,

- Development of hotel accommodation and conference facilities in ATM towns,
- Implementation of branding and product development strategy for tourism sector.

Specific actions which need to be implemented to support recommendations to develop the tourism product and tourism infrastructure in the Midlands Gateway are set out in the figure below. While the relevant statutory agencies should take a lead in these areas a key determination will be the response of private sector investors. A collaborative approach is therefore envisaged.

Specific Action for Implementation - Development of Tourism

Action (1) Regional tourism agencies to undertake comprehensive inventory of potential flagship and other attractions in Midlands region.

Action (2) Regional tourism agencies, Westmeath and Offaly local authorities and local Chamber of Commerce to develop joint strategy to develop and promote flagship tourism attractions in Midlands region.

Action (3) Waterways Ireland, regional tourism agencies and local authorities in the Midlands counties to fast track development and marketing of regional canal and other waterways

Development of Retail and Distribution Activities

The consultants report highlights the fact that the Midlands also have significant potential to further develop as a retail and distribution gateway. The gateway towns constitute important regional retail centres in their own right and the gateway's central geographic location presents an important opportunity to develop the area as a regional distribution and logistics hub. However, to fully capture the development potential of the retail and distribution sectors, a number of strategic initiatives and measures are required:

Strategic Recommendations for Development of Retail & Distribution

- Promotion of Midlands Gateway towns as location for large-scale retail establishments.
- Midlands to be promoted as a location for appropriate regional uses supported by world –class communication infrastructure.

Specific actions recommended for implementation to facilitate the further development of retail and distribution activities in the Midlands Gateway are identified;

Specific Action for Implementation - Development of Retail & Distribution Activities

Action (1) Development agencies and local authorities to utilise recent revisions in planning guidelines to actively promote Midlands Gateway towns as locations for large-scale retail establishments.

Action (2) Local authorities to combine with local business groups to develop and implement measures to boost attractiveness of Gateway towns as locations for retailing.

Action (3) Local authorities to ensure adequate zoning to support retail activities including those serving wider catchment area.

The above actions are envisaged over the timeframe of 2006 – 2010 although on-going initiatives will be required post 2010.

Maintaining Quality of Life in Region

The Midlands Gateway and surrounding region possesses potentially significant advantages in terms of its environment, lower levels of congestion and general quality of life. There is, however, an ongoing need to enhance the attractiveness of certain areas within the Gateway. The provision of recreation and community facilities and their role in the attractiveness of places to live is a very important issue and will form an integral part of the development plans for the region. Strategic recommendations to maintain and improve quality of life in the region are as follows.

Strategic Recommendations to Maintain Quality of Life in Region

- Increased Investment in key infrastructure of roads, water, sewage and measures to reduce congestion in towns to facilitate expanded population.
- Increased Investment in social infrastructure to enhance quality of life of Gateway.

The specific actions presented below, highlight the need for initiatives at local level but also for co-operation in terms of funding support at national level.

Specific Action for Implementation - Maintain Quality of Life in Region

Action (1) Offaly County Council and Westmeath County Council to develop a series of proposals for investment in social and other infrastructure.

Action (2) The Government to provide support for any gaps in local funding to undertake requirement investment.

It is envisaged that action will be taken in relation to actions (1) and (2) within a short-term timescale of 6-12 months and that projects will be delivered over the period 2007 – 2010.

Ensuring Cost Competitiveness

In developing the Midlands Gateway an important requirement will be to ensure that the existing strengths highlighted in relation to cost competitiveness for business and residents are retained and that any policy actions implemented to facilitate the realisation of the vision and objectives of the Gateway do not adversely impact on competitiveness.

Marketing and Branding Strategy to Build Identity & Visibility

The enterprise development strategy proposal is to be supported by a marketing and branding strategy designed to build identity and visibility for the Gateway at national and international levels. An effective marketing and branding strategy constitutes an important element in an overall economic development framework for an area such as the Midlands Gateway, if the area is to attract investment and tourism and maximise its attractiveness as a place to live.

A number of specific recommendations and supporting measures as part of the marketing/branding strategy, are identified;

Strategic Recommendations to Marketing & Branding Strategy

Marketing strategy to be implemented to comprise of:

- Branding of the Gateway to highlight the physical attractions, competitiveness and lack of congestion.
- Separate initiatives to be implemented for tourism and enterprise development.
- Development of marketing initiative to co-ordinate the marketing and branding of the Gateways and surrounding region, building on the recent innovation of an ATM logo.
- Priority to be given to developing a unique 'Branding' identity for the Midlands Gateway, which carries high visibility nationally.
- National and international marketing and branding to position and highlight strengths of Gateway towns and Midlands region as destinations to invest and to visit, based on Quality of Life and Competitive Cost Base.

Specific actions required in relation to the implementation of the above recommendations for marketing and branding for the Midlands Gateway, are identified, the proposed initiatives should be undertaken by the end of 2007;

Specific Action for Implementation - Marketing & Branding Strategy

Action (1) Local authorities, development agencies and local Chambers of Commerce to co-ordinate development of a targeted marketing and branding strategy for the Midlands Gateway towns and surrounding region.

Action (2) Development agencies and local authorities to develop detailed database and collaborative marketing outputs which provide information on available industrial and

commercial sites, services and other facilities, the region skills base and comparative labour and housing costs in the Midlands Gateway.

Action (3) Development agencies to undertake research to identify skills profile and skills base among commuters from Midlands region.

Action (4) Development and dissemination of improved data and information on available developable land/site services and other facilities, the regional skills base and comparative labour and housing costs in the Midlands Gateways.

Action (5) Specific initiatives to promote Gateway and Midlands region to include 'Invest in Midlands' campaigns, with supporting websites which highlight specific comparative strengths of towns and surrounding region.

Implementation, Delivery & Review

Measures are currently being implemented at both local and national levels to drive economic progress in the gateway and adjoining counties and there is dynamism in areas of local development and opportunities associated with the changing economic and demographic profile of the region.

Of particular significance are the increasingly young population and the population inflows to the region. Addressing the challenges of boosting the levels of innovation and valued added in the internationally traded sectors and in developing skills is, however, critical. Unless this is achieved, the best strategic planning decisions at local level will not be successful. Measures to address skills and productivity are among the highest priority initiatives for the Gateway.

There are also opportunities in capitalising upon a quality of life agenda in promoting the gateway and there is a need for critical infrastructure issues to move up the agenda and for the gateway to adopt an integrated approach to planning and co-ordination. If these measures are taken the Midlands Gateway can develop as a world-class knowledge based region.

The Government's NSS is regarded as a landmark development in spatial policy. A key step in its implementation for the Midlands is the commissioning and preparation of the strategic development framework for the Midlands overseen by a steering committee of the two relevant authorities and by the Department of Environment, Heritage and Local Government. It is however essential that this local and national co-operation is also applied to the implementation of the framework plan and the implementation of the key recommendations. This will require that priority be given at National level to the projects and policies recommended for the Gateway.

A small, focused team involving two or three senior experienced officials is needed to effectively manage implementation of the framework plan and to drive initiatives forward in a co-ordinated manner.

A collaborative implementation exercise is needed including local actions such as reviews of development plans and National support for key infrastructural investments. As is indicated below seed capital to facilitate this will be required.

Funding Ability & Requirements

The development of the Midlands Gateway, if it is to be effective, will require a major growth in the urban population and a radical upgrading of the economic and social base in the region.

In addition to ensuring priority within existing and national funding programmes, there are a number of measures which need to be addressed in implementing the framework plan. These concern national and local funding of infrastructure and other development supports to enable the realisation of the objectives and vision of the Midlands Gateway. Recommendations in relation to specific implementation funding mechanisms are;

Recommendations for Funding Mechanisms to Support Infrastructure & Other Investments Requirements for Development of Midland Gateway

- Establishment – on a pilot basis and supported by detailed evaluation criteria – of Strategic Gateway Development Fund to support strategic investments and address funding requirements including in relation to;

- Investment required in social and physical infrastructure.
- Shortfalls in funding due to adjustments in area such as water pricing policy if needed.
- Investments required in a small number of strategic non-national urban other regional roads.
- Application of Supplementary Development Contribution schemes to funding of specific infrastructure.
- Provision of Seed Funding for mechanisms required to achieve implementation of development priorities and measures.

APPENDIX 8.2.5

TREES FOR BOUNDARY & SITE TREATMENT

SPECIES	FAVOURED SITE	ATTRIBUTES	HINTS ON GROWING
Native Trees			
Alder <i>Alnus glutinosa</i>	Streamside, damp woods, waterlogged sites.	Fast-growing. Flourishes in the wettest of places where little else grows, also on clay and fill	Will not flourish in stagnant water. Easily established and coppices well.
Ash <i>Fraxinus excelsior</i>	Open woodland and hedgerows.	Tolerant of cold and exposed sites, including windswept areas.	Dislikes waterlogged sites. Best transplanted young.
Birch <i>Betula pubescens</i>	Pioneer species: open sites and woodland	Hardy and fast-growing. Shelters slower-growing species wide range of tolerance to exposure, damp ground and poor soils.	Intolerant of shade, grows best free of rank grass
Blackthorn <i>Prunus spinosa</i>	Hedgerows and rough stony land.	Dense thicket form makes ideal stock-proof hedge. Tolerates exposed and windswept locations. Provides protection for saplings from gazing.	Plant as whips or transplant suckers.
Cherry (Wild) <i>Prunus avium</i>	Woods and hedgerows.	Attractive blossom, foliage and fruit.	Establishes easily.
Crab Apple <i>Malus sylvestris</i>	Hedgerows	Attractive hedgerow tree in form, fruit and flower.	Requires open situation, easily established.
Elm <i>Ulmus glabra</i>	Hedgerows and woodland	Important hedgerow tree. Fast-growing and tolerant of exposed locations.	Cannot stand dry sites. Some species prone to Dutch Elm Disease.
Hawthorn <i>Crataegus monogyna</i>	Hedgerows and scrub	Prime hedgerow tree. Provides ideal protection for saplings.	Dislikes acid soils and wet sites.
HAZEL <i>CORYLUS AVELLANA</i>	Woodland under-storey, and hillsides.	Excellent as low growth in woodland. Coppices easily and prevents erosion of thin hillside soils	
Holly <i>Ilex aquifolium</i>	Woodland	Evergreen. Hardy, tolerant of exposure, attractive foliage and berries. Grows well in shade.	Intolerant of acid soils. Establish by avoiding competition from grass.
Oak <i>Quercus petraea & Q robur</i>	Individual trees, small groups, woodland	Tolerates shallow rocky soils and can grow well in clay. Very wind-firm.	Grows best when 'nursed' between fast-growing species.
Rowan <i>Sorbus aucuparia</i>	Open woodland, hillsides.	Hardy, tolerant of exposure. Will grow on thin soils. Attractive flowers and berries.	Prefers dry sites, transplants well.
Whitebeam <i>Sorbus aria</i>	Woodland, rocky ground	Attractive form, foliage, fruit and flowers. Tolerant of coastal exposure.	As Rowan but also tolerates damper sites.
Willows <i>Salix</i> (many varieties)	Streamside, dam areas plantations	Rapid growth, attractive form in larger species. Good shelterbelt and screen trees. Coppice readily.	Cannot survive permanent waterlogging. Grow from cuttings.
NON-NATIVE BROADLEAVES			
Beech <i>Fagus sylvatica</i>	Single trees, shelterbelts woodland and hedges	Saplings will grow in shade. Fine autumn colour.	Best on well-drained sites. Grows best with nurse species.
Lime <i>Tilia vulgaris</i>	Single trees, woodland.	Attractive woodland and landscape tree.	Needs shelter when young
Poplars <i>Populus</i> (many varieties)	Shelterbelts, plantations, streamside.	Fast growth enables rapid establishment for shelterbelts or timber.	Do not plant near to buildings or drains. Grow from cuttings.

Horse Chestnut <i>Aesculus hippocastanum</i>	Woodland, single trees	Ornamental tree with attractive flowers and autumn colour.	Grows well on clay and exposed sites.
Sweet Chestnut <i>Castanea sativa</i>	Woodland, plantations for coppicing.	Rapid growth. Coppices freely in sheltered locations.	Liable to suffer from cold and exposure.
Sycamore <i>Acer pseudoplatanus</i>	Hedgerows, woodland.	Hardy, invasive species, tolerant of exposed conditions. Shelterbelt tree around upland farms.	Worth using in difficult places. Grows easily.

CONIFERS

Scots Pine <i>Pinus sylvestris</i>	Single trees or groups on dry acid soils and rocky ground.	Attractive foliage and bark. Previously native.	Grows easily. Dislikes lime or wet peat
Black Pine <i>Pinus nigra</i>	Single trees or groups on light soils, sand or limestone.	Good shelterbelt tree on lime rich soils and for stabilising sand dunes. Salt tolerant.	Not wind-firm on clay
Lodgepole Pine <i>Pinus contorta</i>	Grow on moors and damp soils	Rapid early growth. Wide range of soil tolerance. Good for shelterbelts	Many varieties – choice of short heavy crown or tall light crown
Sitka Spruce <i>Picea sitchensis</i>	Shelterbelts and plantations in damp situations.	Rapid growth, exposure tolerant. Good for shelter in acid uplands	Prefers grassy to heathery sites. Needs high rainfall, prefers western counties.
Norway Spruce <i>Picea abies</i>	Shelterbelts and plantations on wet sites, preferably grassy.	Valuable 'nurse' tree for young hardwoods. Rapid growth and dense foliage makes good shelter.	Dislikes dry sites
Larch <i>Larix</i> (several)	Single trees or plantations on well drained soils.	Deciduous conifer. Deep rooting, withstands exposure, good nurse tree for hardwoods.	Particularly suitable for bracken-covered soils.

APPENDIX 8.2.6

TAX INCENTIVES

Description of qualifying mid-Shannon areas of Westmeath

The District Electoral Divisions of Athlone East Rural, Athlone East Urban, Athlone West Urban, Ardnagrath, Auburn, Ballymore, Bellanalack, Carn, Castledaly, Doonis, Drumraney, Glassan, Killinure, Moate, Mount Temple, Moydrum, Mucknagh, Noughaval, Templepatrick, Tubbrit, Umma and Winetown.

Source : Finance Bill 2007